

TRANSFER REPORT

**Changes Under Alaska's Halibut IFQ Program,
1995 Through 2014**



Photo by Klas Stolpe

August 2015



Final Report:

This is a report from National Oceanic and Atmospheric Administration Fisheries Service (NOAA Fisheries) **Restricted Access Management (RAM)** covering the halibut IFQ program from 1995 through 2014. The executive summary is contained in a separate document. The final report for the sablefish fishery is contained in a separate document.

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Abstract:

This study uses NOAA Fisheries-RAM administrative data and other ancillary data to analyze the first nineteen years of the halibut individual fishing quota (IFQ) program in Alaska. The topics covered in the report include basic data on the extent of consolidation of quota share (QS) holdings, the volume of permanent QS transfers; QS prices; the volume of seasonal QS lease transfers, and IFQ lease prices. The report highlights the importance of several special features of the IFQ program and provides an extensive overview of changes in the geographic distribution of QS holdings. The report includes summary data on permanent transfers including the amount of QS transferred as sales, gifts, and trades; the relationships between the transferors and transfer recipients; and the finance methods used in sales transfers. The report investigates changes in the distribution of QS by person-type, changes in the distribution of QS between initial QS recipients and new entrants, and changes in halibut harvest and delivery patterns. The report also provides information on the consolidation of IFQ permit holders onto single vessel operations and on the underharvest of IFQ during the 1995 to 2014 fishing seasons.

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1 Introduction Halibut

1.1 The Purpose of This Study

This report uses administrative and harvest data from the Restricted Access Management Program (RAM) of the National Oceanic Atmospheric Administration (NOAA) National Marine Fisheries Service (NMFS) and other ancillary data to report on the first nineteen years of the Halibut individual fishing quota (IFQ) program in Alaska. The purpose of this report is to provide accurate information on particular topics of interest concerning the program.

In 1995, NMFS implemented new IFQ programs in Alaska's halibut and sablefish fisheries which are administered by RAM. The programs had been developed by the North Pacific Fishery Management Council (Council) and approved by the United States Secretary of Commerce.

The IFQ fishery management programs represent a dramatic change from fishery management under open access. The growth in fishing effort under open access had resulted in large declines in the length of the fishing seasons, and caused a host of undesirable effects.

In some areas the halibut fishery, in particular, had been reduced to a few short "derby-like" openings each year. These short hectic openings sometimes caused safety problems, particularly for small vessels during openings with bad weather and rough seas. The congestion on the fishing grounds during the short openings also led to gear conflicts, gear loss, and wastage. The fact that the harvest occurred during short periods caused short-term market gluts and forced frozen product to be held and marketed over long periods. These factors led to lower ex-vessel prices for fishermen.

The Council anticipated that the halibut IFQ program would lengthen the season, allow fishermen to harvest their individual quotas at times opportune to them, and lead to improved ex-vessel prices and economic profits. They also expected the IFQ program to reduce safety problems, congestion on the grounds, gear loss, and wastage of resources.

Through the first nineteen years of the program, many of the Council's objectives have been realized. The season has been lengthened, ex-vessel prices have improved, and congestion on the grounds has been reduced. Fishermen can and do choose the times they harvest their IFQs. There is also evidence that the program has served the other Council objectives.

However, despite these successes, some people continue to have concerns about long-term changes that might occur under the program. This is particularly true in Alaska where there are many coastal communities that depend on commercial fishing for their economic base. The transfer of IFQ use-privileges to persons outside a local area or a radical change in harvest and delivery patterns under the program might have harmful effects on some communities.

Because of this, many parties have an interest in closely monitoring changes occurring under the IFQ program. In 1995 the State of Alaska and NMFS formed an interagency study team to evaluate changes occurring under the new IFQ program. Several studies were initiated and completed through this process.

The NMFS Restricted Access Management Program (RAM) administers the IFQ programs and is committed to continuing this monitoring effort. The main purpose of this study is to use data collected and maintained by RAM to document, and report on changes that occurred during the first nineteen years of the new halibut IFQ program. The information contained in this report will help inform policy discussions on proposals for new IFQ programs or proposals to alter the existing IFQ programs.

The report includes a brief description of the halibut fishery, the IFQ program, data and information that should assist in the evaluation of the program features.

1.2 The Halibut Fishery

Halibut are demersal, living on or near the bottom. Typically they are harvested in waters from 100 to 600 meters in the winter and less than 200 meters in the summer.

In the years before the IFQ program, the directed commercial harvest of halibut was prosecuted with hook-and-line gear, including longline, handline, mechanical jig, and troll. Halibut from the directed fishery tended to be landed in Alaska, and to some extent in British Columbia, Washington, and Oregon.¹ Halibut are also harvested as bycatch in groundfish trawl fisheries, pot fisheries for crab, and longline fisheries for sablefish and Pacific cod. A subsistence halibut fishery bias occurred for many years; currently NMFS recognizes more than 10,000 rural and tribal subsistence halibut users. A recreational halibut fishery in Alaska for halibut has grown considerably due to large increases in tourism, particularly in Southeast Alaska and the South Central Gulf of Alaska. In 2011 the Council implemented a new halibut charter IFQ program would give halibut charter boat fishermen charter operators quota based on their fishing history.

¹This discussion of the halibut fishery is from Chapters 2 and 3 of *Draft for Public Review Environmental Impact Statement, Regulatory Impact Review, Initial Regulatory Flexibility Analysis for Proposed Individual Fishing Quota Management Alternative for the Halibut Fisheries in the Gulf of Alaska and Bering Sea/Aleutian Islands*. North Pacific Fisheries Management Council. Anchorage: July 19, 1991.

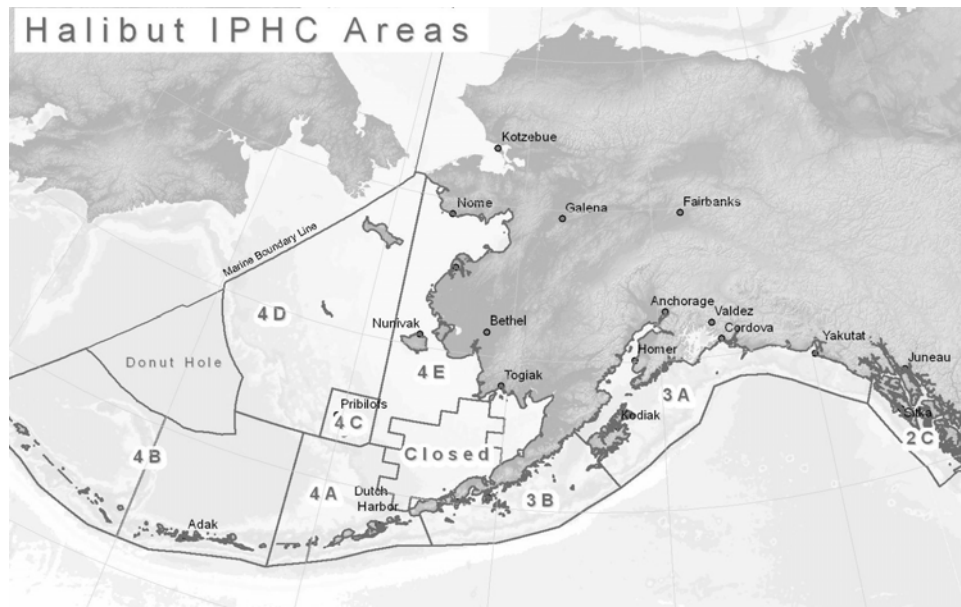


figure 1. IPHC Halibut Management Areas

The International Pacific Halibut Commission (IPHC) was established by a convention between the United States and Canada and since 1923 has been responsible for the biological management of the fishery. The IPHC has authority to establish regulatory areas, limit catch by area, license vessels, regulate gear types, protect nursery areas, collect statistics, and conduct scientific research. The IPHC has defined eight management areas off Alaska, and designated annual Total Allowable Catch (TAC) for these areas. The areas are shown in Figure 1.

In 1982 the U.S. government added to the management tools available for halibut by delegating additional regulatory authority to the geographically responsible Fishery Management Councils.²

The North Pacific Management Council (Council) has authority under the Magnuson-Stevens Fishery Conservation and Management Act and the North Pacific Halibut Act to regulate entry into the Alaska halibut fishery, although the Council must defer to the IPHC on biological management issues. The authority of the IPHC and Council extends the management of halibut within Alaska's waters.

1.3 Background on the Halibut IFQ Program

² See the Northern Pacific Halibut Act of 1982, P.L. 97-176.

In December 1991 the Council recommended an Individual Fishing Quota (IFQ) Program for management of the fixed gear sablefish and halibut fisheries off Alaska. For halibut, “fixed gear” includes all fishing gear comprising lines with hooks attached, including one or more stationary, buoyed, and anchored lines with hooks. Longlines, jigs, handlines, and troll gear are examples of halibut fixed gear. After many years of development, the Council’s IFQ plan for halibut was approved as a regulatory amendment by the Secretary of Commerce in early 1993, and final implementing regulations became effective in November 1993³.

Quota shares (QS) are the basic use-privileges that were established under the program.⁴ QS were issued to qualified applicants who owned or leased a vessel with legal fixed gear landings of halibut at any time during 1988, 1989, and 1990. The regular QS units issued to a person in a management area were equal to the person’s qualifying pounds, the sum of the person’s best five years of landings (pounds) in the area during the seven-year period from 1984 to 1990.

The issued QS are specific to one of eight halibut management areas and one of four vessel classes. The management areas are 2C, 3A, 3B, 4A, 4B, 4C, 4D, and 4E as defined by the IPHC. The four vessel classes include a harvester-processor vessel class and three catcher vessel classes. The three catcher vessel classes are “35 feet or less,” “36 to 60,” and “greater than 60 feet.” The harvester-processor vessel category is called “freezer” or “freezer processor” within this report.

Portions of the total allowable catches (TACs) in areas 4B, 4C, 4D, and 4E were allocated to Community Development Quotas (CDQs) for groups of communities in western Alaska.⁵ In Area 4E the entire TAC was allocated to CDQs and there has been no IFQ fishery. The Council compensated QS holders in these CDQ areas for reductions in TACs due to CDQs by issuing them additional “CDQ compensation QS” in non-CDQ Areas 2C, 3A, 3B, and 4A. CDQ compensation QS increased the total QS units (the “QS Pool”) in these areas.

Each year, the amount of QS in an area’s QS pool as of January 31 and the TAC allocated to the area’s IFQ fishery determines the basic QS/IFQ ratio that will be used in each management area for the year.⁶ Table 1 shows these data from 1995 through 2014.

A person’s IFQ for an area in a given year is determined by multiplying the person’s fractional holding of the total QS pool in the area by the total allowable catch (TAC) allocated to the area’s IFQ fishery for the year. Adjustments for underharvest or overharvest of the IFQ from the previous year determine the QS holder’s final IFQ for the start of the new year.

From the beginning of the program the quota share pools stabilized after 2006 and the TACs’ fluctuated over the past 19 years.

³ See 58 FR 59373, November 9, 1993

⁴ “QS will be used to represent both “quota share” and “quota shares” in this report, depending upon the context. “QS units” and “unit of QS” will also be used for greater clarity.

⁵ 50 CFR 679.31 (c)

⁶ 50 CFR 679.31(c)

Quota shares are permanently transferable and in some cases can be leased under regulations discussed in the report. The Council wanted to achieve some of the benefits associated with IFQ management but did not want the program to radical changes that would be harmful to communities and industries dependent on the fishery. As a result, the Council adopted several complex rules to constrain changes that could occur under the program.

These rules include limits on who may buy QS and the amount of QS that a person may hold. Rules also include constraints on the amount of QS that may be fished from a single vessel, restrictions placing some QS holdings into “blocks” that can only be permanently transferred on an “all or nothing basis,” and restrictions on the number of “blocks” a person can hold in an area. These rules represent an effort by the Council to achieve economic efficiency gains under the program while preserving some of the traditional character of the fishery and diversity of the fishing operations. These rules are outlined in more detail and are discussed in subsequent chapters of this report.

Table 1.1 Quota Share Pools and IFQ TACs by Halibut Management Area, 1995-2015

Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
2C	1995	59,853,126	9,000,000	6.65
	1996	59,979,977	9,000,000	6.66
	1997	59,100,570	10,000,000	5.91
	1998	59,551,075	10,500,000	5.67
	1999	59,551,257	10,490,000	5.68
	2000	59,555,379	8,400,000	7.09
	2001	59,633,843	8,780,000	6.79
	2002	59,633,843	8,500,000	7.02
	2003	59,635,055	8,500,000	7.02
	2004	59,556,591	10,500,000	5.67
	2005	59,556,591	10,930,000	5.45
	2006	59,552,039	10,630,000	5.60
	2007	59,552,039	8,510,000	6.99
	2008	59,522,039	6,210,100	9.59
	2009	59,522,039	5,020,000	11.86
	2010	59,522,039	4,400,000	13.53
	2011	59,522,039	2,330,000	25.56
	2012	59,522,039	2,624,000	22.69
	2013	59,536,185	2,970,000	20.05
	2014	59,536,185	3,318,720	17.94
	2015	59,477,396	3,679,000	16.17
3A	1995	185,818,173	20,000,000	9.29
	1996	186,079,384	20,000,000	9.30
	1997	184,935,642	25,000,000	7.39
	1998	184,924,431	26,000,000	7.11
	1999	184,806,828	24,670,000	7.49
	2000	184,920,851	18,310,000	10.09
	2001	184,902,586	21,890,000	8.45
	2002	184,873,475	22,630,000	8.17
	2003	184,930,966	22,630,000	8.17
	2004	184,930,966	25,060,000	7.38
	2005	184,910,103	25,470,000	7.26
	2006	184,911,315	25,200,000	7.34
	2007	184,911,315	26,200,000	7.06
	2008	184,911,315	24,220,000	7.63
	2009	184,911,315	21,700,000	8.52
	2010	184,911,315	19,990,000	9.25

Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
	2011	184,911,315	14,360,000	12.87
	2012	184,911,315	11,918,000	15.51
	2013	184,911,315	11,030,000	16.76
	2014	184,893,008	7,317,730	25.27
	2015	184,893,008	7,790,000	23.73
3B	1995	54,435,504	3,700,000	14.71
	1996	54,505,286	3,700,000	14.73
	1997	53,909,787	9,000,000	5.99
	1998	53,903,627	11,000,000	4.90
	1999	53,903,791	13,370,000	4.03
	2000	53,907,509	15,030,000	3.59
	2001	53,907,509	16,530,000	3.26
	2002	53,907,509	17,130,000	3.15
	2003	54,203,176	17,130,000	3.16
	2004	54,203,176	15,600,000	3.47
	2005	54,262,333	13,150,000	4.13
	2006	54,262,333	10,860,000	4.99
	2007	54,203,176	9,220,000	5.88
	2008	54,203,176	10,900,000	4.97
	2009	54,203,176	10,900,000	4.97
	2010	54,203,176	9,900,000	5.48
	2011	54,203,176	7,510,000	7.22
	2012	54,203,176	5,070,000	10.69
	2013	54,201,315	4,290,000	12.63
	2014	54,201,315	2,840,000	19.08
	2015	54,201,315	2,650,000	20.45
4A	1995	14,861,967	1,950,000	7.62
	1996	14,914,713	1,950,000	7.64
	1997	14,502,966	2,940,000	4.93
	1998	14,502,965	3,500,000	4.14
	1999	14,503,009	4,240,000	3.42
	2000	14,503,996	4,970,000	2.92
	2001	14,503,996	4,970,000	2.92
	2002	14,503,996	4,970,000	2.92
	2003	14,587,099	4,970,000	2.94
	2004	14,587,099	3,470,000	4.20
	2005	14,587,099	3,440,000	4.24
	2006	14,587,099	3,350,000	4.35
	2007	14,587,099	2,890,000	5.05
	2008	14,587,099	3,100,000	4.71
	2009	14,587,099	2,550,000	5.72
	2010	14,587,099	2,330,000	6.26
	2011	14,587,099	2,410,000	6.05
	2012	14,587,099	1,567,000	9.30
	2013	14,586,011	1,330,000	10.97
	2014	14,586,011	850,000	17.16
	2015	14,586,011	1,390,000	10.49
4B	1995	9,236,860	1,848,000	4.99
	1996	9,293,043	1,848,000	5.03
	1997	9,284,774	2,784,000	3.34
	1998	9,284,774	2,800,000	3.32
	1999	9,284,774	3,184,000	2.92
	2000	9,284,774	3,928,000	2.36
	2001	9,284,774	3,928,000	2.36
	2002	9,284,774	3,344,000	2.78
	2003	9,284,774	3,344,000	2.78
	2004	9,284,774	2,284,000	4.13
	2005	9,284,774	1,808,000	5.14
	2006	9,284,774	1,336,000	6.95
	2007	9,284,774	1,152,000	8.06

Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
	2008	9,284,774	1,488,000	6.24
	2009	9,284,774	1,496,000	6.21
	2010	9,284,774	1,728,000	5.37
	2011	9,284,774	1,744,000	5.32
	2012	9,284,774	1,495,200	6.21
	2013	9,284,774	1,160,000	8.00
	2014	9,284,774	912,000	10.18
	2015	9,284,774	912,000	10.18
4C	1995	3,969,186	385,000	10.31
	1996	3,969,186	385,000	10.31
	1997	3,969,186	580,000	6.84
	1998	3,969,186	795,000	4.99
	1999	3,969,186	1,015,000	3.91
	2000	3,969,186	1,015,000	3.91
	2001	3,969,186	1,015,000	3.91
	2002	3,969,186	1,015,000	3.91
	2003	4,016,352	1,015,000	3.96
	2004	4,016,352	860,000	4.67
	2005	4,016,352	907,500	4.43
	2006	4,016,352	805,000	4.99
	2007	4,016,352	933,250	4.30
	2008	4,016,352	884,500	4.54
	2009	4,016,352	784,500	5.12
	2010	4,016,352	812,500	4.94
	2011	4,016,352	845,000	4.75
	2012	4,016,352	553,678	4.75
	2013	4,016,352	429,500	9.35
	2014	4,016,352	298,300	13.46
	2015	4,016,352	298,300	13.46
4D	1995	4,685,996	539,000	8.69
	1996	4,685,996	539,000	8.69
	1997	4,790,491	812,000	5.90
	1998	4,869,276	1,113,000	4.38
	1999	4,869,276	1,421,000	3.43
	2000	4,869,276	1,421,000	3.43
	2001	4,869,276	1,421,000	3.43
	2002	4,869,276	1,421,000	3.43
	2003	4,958,250	1,421,000	3.49
	2004	4,958,250	1,204,000	4.11
	2005	4,958,250	1,270,500	4.43
	2006	4,958,250	1,127,000	4.40
	2007	4,958,250	1,306,550	3.79
	2008	4,958,250	1,238,300	4.00
	2009	4,958,250	1,098,300	4.51
	2010	4,958,250	1,137,500	4.36
	2011	4,958,250	1,183,000	4.19
	2012	4,958,250	775,149	6.39
	2013	4,958,250	601,300	8.25
	2014	4,958,250	417,620	11.87
	2015	4,958,250	417,620	11.87
4E	1995	139,999	0	NA
	1996	139,999	0	NA
	1997	139,999	0	NA
	1998	139,999	0	NA
	1999	139,999	0	NA
	2000	139,999	0	NA
	2001	139,999	0	NA
	2002	139,999	0	NA
	2003	139,999	0	NA
	2004	139,999	0	NA

Management Area	Year	Quota Share Pool (# of QS Units)	IFQ TAC in Net Pounds (CDQs excluded)	Ratio of QS / IFQ
	2005	139,999	0	NA
	2006	139,999	0	NA
	2007	139,999	0	NA
	2008	139,999	0	NA
	2009	139,999	0	NA
	2010	139,999	0	NA
	2011	139,999	0	NA
	2012	139,592	0	NA
	2013	139,592	0	NA
	2014	139,592	0	NA
	2015	139,592	0	NA

Note: "NA" means not applicable. All of the TAC in Area 4E has been devoted to Community Development Quotas (CDQs) and none has been available to the IFQ fishery.

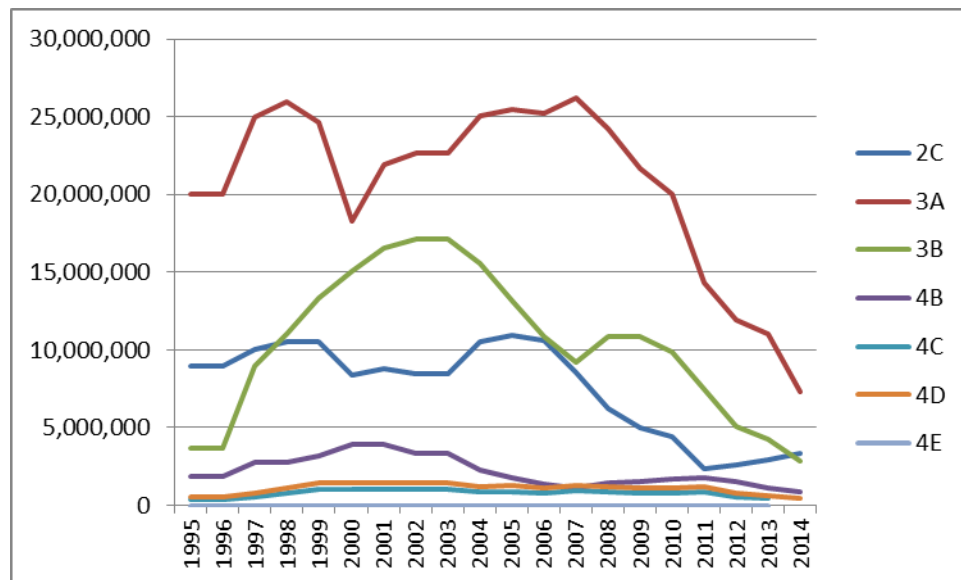


Figure 2 Quota share Pool, number of pounds by halibut management area 1995-2014 (CDQ excluded)

This graph shows the amount of total allowable catch that has been allocated to each area from 1995 to 2014. The graph represents a drop in allocations for most areas as the stock fluctuates each year so does the allocation.

2 Halibut - Consolidation of QS Holdings 1995-2014

2.1 Introduction

Near the end of 1994 NOAA Fisheries (NMFS) first allocated halibut QS. By 1995, most of the eligible applicants had received their allocations, although some allocations continued over time as appeals were resolved. Persons began to transfer their QS shortly after the allocations started. Some of the QS transfers have been to persons who were entering the fishery for the first time; other transfers went to persons who had received initial allocations and who were adjusting their QS holdings.

Transfer transactions, revocations, or other administrative or legal actions can change the distribution of QS holdings. Permanent transfer activity includes routine transfers, court-ordered transfers, transfers associated with “sweep-ups” of QS blocks, and transfers associated with “swaps” of CDQ compensation QS across catcher vessel categories. This chapter provides an overview of the consolidation of QS holdings that have occurred due to all these factors during the first 19 years of the IFQ program.⁷

Persons may consolidate QS within the limits of the IFQ program regulations. There are several regulations designed to affect the nature of transfers and to limit the amount of QS aggregation. Some of the more important ones are listed below:

- QS is issued to persons and is specific to one of four halibut vessel categories. Under most circumstances, QS from one vessel category cannot be transferred to another vessel category. Rules that allow special catcher vessel category “swaps” are discussed in more detail below.
- Some QS is issued in nonseverable “blocks.” Block rules have changed over time. As of the end of 2014, a person could hold a maximum of three blocks of QS in an area, and persons with two blocks could not hold unblocked QS for that area; small blocks may be “swept” together to a maximum size block.⁸ These rules are also discussed in more detail below.
- The program restricts who may buy catcher vessel QS. Only those who were originally issued catcher vessel QS or those who qualify as IFQ crewmembers by working for 150 days on the harvesting crew in any U.S. commercial fishery may buy catcher vessel QS.⁹ Purchases of freezer vessel QS are not restricted in this way. The only corporations, partnerships, or other business entities that may purchase more catcher vessel QS are those that were initial QS recipients. An exception to these rules occurs when an individual transfers his/her own QS to his/her own solely owned corporation.¹⁰
- During the first two years of the IFQ program, persons could not hold or use, individually or collectively, more than 1% of the QS in Area 2C, more than 0.5%

⁷“Sweep-ups” of small QS blocks are covered in detail in Chapter 6.

⁸ See 50 CFR 679.42 (g)

⁹ See 50 CFR 679.41(g); “IFQ crew” are defined in 50 CFR 679.2

¹⁰ See 50 CFR 679.42 (j) and CFR 679.41 (g)(3)

of the QS in Areas 2C, 3A, and 3B combined, or more than 0.5% of the QS in Areas 4A, 4B, 4C, 4D, and 4E combined. The rules allowed some initial issuees to exceed some of these restrictions, but these persons were prevented from accumulating more QS. In June 1996 the Council approved an amendment that increased the combined total use caps in Areas 4A, 4B, 4C, 4D, and 4E from 0.5% to 1.5%. These percentages were then applied to the QS pool as it stood in 1996 to establish a set number of QS units that would be used as a cap from year-to-year. The other caps for Area 2C and the combined Areas 2C, 3A, and 3B were also changed to be expressed as fixed amounts of QS units. The final rule for this amendment became effective March 24, 1997.¹¹

The halibut IFQ program created nonseverable “blocks” of QS that constrain QS consolidation. Persons received their QS in a block at initial allocation if their QS would have resulted in less than 20,000 pounds of halibut IFQ.¹² Blocks cannot be broken up for transfer, meaning all the QS in a block has to be sold or passed on to another person as a single unit. A person can hold a maximum of two blocks in an area, but a person with two blocks cannot hold any unblocked QS for the area. Through 2014 regulations allow persons to combine, or “sweep-up,” more than two blocks if their combined total is worth less than 3,000 pounds of a hypothetical halibut IFQ.¹³ These sweep-ups are discussed in more detail in Chapter 6.

The IFQ program also included provisions that set aside part or all of the TACs in Areas 4B, 4C, 4D, and 4E for community development quotas (CDQs). Setting aside TAC for CDQs effectively reduced the harvest limits of individuals who were initially allocated QS in these areas.¹⁴ The IFQ plan contained provisions designed to compensate the QS holders for this reduction. The goal of the plan was to spread the burden of the compensation equally among all persons who initially received halibut QS. Compensation was provided by giving persons receiving QS from the CDQ areas (Areas 4B, 4C, 4D, and 4E) additional QS in each of the management areas in which CDQs were not allocated (Areas 2C, 3A, 3B, and 4A).

Some persons who received CDQ compensation QS in Areas 2C, 3A, 3B, and 4A already had QS in one or more of those areas. When this occurred, their CDQ compensation was rolled into their existing QS holding. It was either “blocked” or “unblocked,” depending upon the size of the combined holding.

However, in many cases persons received CDQ compensation QS in areas where they had not previously fished or been issued regular QS. When this occurred, a person’s catcher vessel CDQ compensation was unblocked and “swappable” to another catcher vessel category upon the first transfer. Moreover, this “swappable” catcher vessel CDQ compensation QS can be used on any size catcher vessel until it is swapped or transferred. These rules facilitate the transfer and use of CDQ compensation QS.¹⁵

¹¹ See 50 CFR 679.42(f).

¹² See 50 CFR 679.40(a)(1). The 20,000 pounds is actually a hypothetical IFQ based on 1994 TACs and the amount of QS in the QS pool on October 17, 1994. The halibut QS equivalent calculated for this blocking limit is equivalent to different amounts of IFQ from year-to-year as TACs and the amount of QS in the QS pool change.

¹³ The original sweep-up limit was 1,000 pounds. In April 1996 the Council approved an amendment that increased the halibut sweep-up limit to 3,000 pounds. This regulation is now incorporated into 50 CFR 679.41(e)(3). The 3,000 pounds of hypothetical IFQ was based upon 1996 TACs for an area and the QS pool as of January 31, 1996. The regulation translates the rule into a specific amount of QS units for each halibut area. This amendment became effective in December 1996. In 2007, sweep up limits again changed- see chapter 6.

¹⁴ The CDQ regulations are contained in 50 CFR 679.30 and 50 CFR 679.31(b) and (c). The provisions for CDQ compensation are contained in 50 CFR 679.41(j).

¹⁵ See 50 CFR 679.41(i)

Because of the CDQ compensation “swap” regulation, the total amount of QS may change in an area and vessel category after initial allocation. Such changes do not affect the management area totals, however, as QS is only being swapped between catcher vessel categories within an area.

In January 1996, the Council approved a “fish down” amendment that allows catcher vessel QS to be used on vessels of the same vessel size class or smaller. The Council did this to allow more flexibility for QS holders to acquire more catcher vessel QS. The amendment allows the use of larger vessel category QS on smaller vessels, except in Area 2C where “fish down” of category B (greater than 60 feet) QS was allowed only for blocks worth less than 5,000 pounds (based upon 1996 TACs). This amendment became effective August 16, 1996.¹⁶ A 2007 amendment removed the area 2C fish down restriction and allowed “fish up” in certain areas to provide greater flexibility and harvest efficiency.¹⁷

Table 2-1a provides an overview of the distribution of halibut QS at initial allocation and year end of 2014. The table shows the total amount of QS and the number of QS holders in each management area, along with the change and percent change from initial issuance through year end 2014

The negative net changes in total QS in Areas 2C, 3A, 3B, 4A, 4B, and 4D are the result of QS revocations by NOAA-RAM, which may revoke some, or all, of a person’s QS. Revocations do not occur until the QS holder has been given an opportunity to appeal in administrative revocation decision, or until after a civil penalty has been levied by the agency.

The number of QS holders decreased in all areas from initial issuance thru 2014. This is primarily due to the greater number of persons leaving halibut fisheries even as others consolidate holdings or newly enter fisheries. QS revocations may also lower the number of persons who hold QS. The drop in the number of QS holders was substantial in non-CDQ areas 3B through 4A, ranging from 55.9% to 62 % of the number of persons who were initially issued QS in those areas. In Areas 4B through 4D, the percentage decreases were smaller. Note that in Area 4E, 100% of the TAC in each year has been allocated to CDQs, resulting in very low QS transfer levels.

Table 2-1b provides further data on QS consolidation. Consolidation of QS holdings is indicated by the increase in the average and median QS holdings from initial issuance to the end of 2014. The median QS holdings rose in all areas except 4C and 4E. The average QS holdings rose in all areas except 4E.

Table 2-1b also shows the median QS holdings in all areas were substantially lower than the average QS holdings, indicating a skewness toward persons with small holdings.

¹⁶See 50 CFR 679.40(a)(5)(ii) and 679.42(a)

¹⁷72 FR 44795, August 9, 2007

Table 2-1a. Initial Issuance and Year-end 2014 QS and QS Holders by Management Area

Area	Initial Amount of QS Units	2014 Year-end QS Units	Net Change in Total QS Units	Percent Change QS Units	Initial QS Holders	2014 Year-end QS Holders	Person Net Change	Percent Change QS Holders
2C	59,568,892	59,477,396	-91,496	-0.2%	2,388	1,013	-1,375	-57.6%
3A	185,492,433	184,893,008	-599,425	-0.3%	3,071	1,283	-1,788	-58.2%
3B	54,516,403	54,201,315	-315,088	-0.6%	1,056	466	-590	-55.9%
4A	14,634,439	14,586,011	-48,428	-0.3%	531	202	-329	-62.0%
4B	9,293,391	9,284,774	-8,617	-0.1%	152	87	-65	-42.8%
4C	4,016,352	4,016,352	0	0.0%	81	53	-28	-34.6%
4D	4,923,638	4,958,250	34,612	0.7%	69	46	-23	-33.3%
4E	139,999	139,592	-407	-0.3%	104	96	-8	-7.7%

Table 2-1b. Consolidation of Halibut QS Holdings from Initial Allocation through Year-end 2014, by Management Area

Area	Initial Median QS Held	2014 Year-end Median QS	Net Change in Median QS Units	Percent Change Median QS	Initial Average QS Held	2014 Year-end Avg. QS	Net Change in Avg. QS Units	Percent Change Avg. QS
2C	9,553	15,736	6,183	64.7%	24,945	58,714	33,769	135.4%
3A	14,016	26,292	12,276	87.6%	60,401	144,110	83,709	138.6%
3B	11,382	33,613	22,231	195.3%	51,625	116,312	64,687	125.3%
4A	3,539	15,140	11,601	327.8%	27,560	72,208	44,648	162.0%
4B	30,955	35,739	4,784	15.5%	61,141	106,722	45,581	74.5%
4C	29,875	27,161	-2,714	-9.1%	49,495	75,780	26,285	53.1%
4D	44,677	45,846	1,169	2.6%	71,357	107,788	36,431	51.1%
4E	361	413	52	14.4%	1,346	1,454	108	8.0%

2.2 QS Consolidation by Vessel Category

The halibut IFQ program created four distinct vessel categories in each of the eight halibut management areas. One vessel category consists of harvester-processor vessels (designated “freezer”); the other three consist of catcher vessels less than or equal to 35 feet, from 36 to 60 feet, and greater than 60 feet. Under most circumstances, QS cannot be transferred across vessel categories; however, the regulations provide for vessel category “swaps” of catcher vessel CDQ compensation QS on first transfer.

¹⁸

In January 1996, the Council approved a “fish down” amendment that allows catcher vessel QS to be used on vessels of the same vessel size class or smaller. The Council did this to allow more flexibility for QS holders to acquire more catcher vessel QS and to foster use of smaller vessels in an “owner operator” fleet. The amendment allows the use of larger vessel category QS on smaller vessels, except in Area 2C where “fish down” of category B (greater than 60 feet) QS is allowed only for QS blocks worth less than 5,000 pounds (based upon 1996 TACs). This amendment became effective August 16, 1996 and remained in effect through 2014.¹⁹

¹⁸ IFQ from swappable catcher vessel CDQ compensation QS can be fished from any catcher vessel category and can be permanently “swapped” to another catcher vessel category upon the first transfer. See 50 CFR 679.41(i).

¹⁹ See 50 CFR 679.40(a)(5)(ii) and 679.42(a). As noted above The area 2C fish down exception was removed in 2007 and some areas “fish up” provisions were implemented.

Table's 2-2a and 2-2b show that halibut QS was issued in 30 different area/vessel category combinations. There were no qualifying freezer vessels in Area 4E, nor were there vessels in the "35 foot or less" category in Area 4D.

Table 2-2a indicates that in Areas 2C and 3A, more QS was issued in the 36-60 foot category than in other vessel categories. In Area 4E, most QS was issued in the "35 foot or less" category. In all other areas, the greatest percentage of QS was issued in the "over 60 feet" vessel category. At the end of 2014, the greatest percentages of QS were still held in these same vessel categories in their respective areas.

As explained previously, changes in QS distribution among vessel classes will be small, because QS transfers across vessel categories are only allowed by special rules for the "swap" of CDQ compensation QS. Quota share revocations also changed the amounts of QS within a vessel category between initial issuance and year-end 2014.

Table 2-2a. Initial Allocation and Year-end 2014 QS by Management Area and Vessel Category

Area	Vessel Category	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Freezer	1,249,141	1,249,141	2.1%	2.1%	0	0.0%
	GT 60 ft.	2,933,494	2,655,243	4.9%	4.5%	-278,251	-9.5%
	36-60 ft.	45,710,106	46,677,536	76.7%	78.5%	967,430	2.1%
	LE 35 ft.	9,676,151	8,895,476	16.2%	15.0%	-780,675	-8.1%
3A	Freezer	4,773,918	4,773,918	2.6%	2.6%	0	0.0%
	GT 60 ft.	68,051,777	68,568,976	36.7%	37.1%	517,199	0.8%
	36-60 ft.	99,004,864	98,876,488	53.4%	53.5%	-128,376	-0.1%
	LE 35 ft.	13,661,874	12,673,626	7.4%	6.9%	-988,248	-7.2%
3B	Freezer	1,593,155	1,593,155	2.9%	2.9%	0	0.0%
	GT 60 ft.	29,863,254	29,989,523	54.8%	55.3%	126,269	0.4%
	36-60 ft.	21,028,414	20,966,072	38.6%	38.7%	-62,342	-0.3%
	LE 35 ft.	2,031,580	1,652,565	3.7%	3.0%	-379,015	-18.7%
4A	Freezer	619,003	619,003	4.2%	4.2%	0	0.0%
	GT 60 ft.	8,508,678	8,548,615	58.1%	58.6%	39,937	0.5%
	36-60 ft.	4,378,707	4,370,615	29.9%	30.0%	-8,092	-0.2%
	LE 35 ft.	1,128,051	1,047,778	7.7%	7.2%	-80,273	-7.1%
4B	Freezer	553,489	553,489	6.0%	6.0%	0	0.0%
	GT 60 ft.	7,120,537	7,114,526	76.6%	76.6%	-6,011	-0.1%
	36-60 ft.	1,350,369	1,347,763	14.5%	14.5%	-2,606	-0.2%
	LE 35 ft.	268,996	268,996	2.9%	2.9%	0	0.0%
4C	Freezer	18,876	18,876	0.5%	0.5%	0	0.0%
	GT 60 ft.	1,767,422	1,620,909	44.0%	40.4%	-146,513	-8.3%
	36-60 ft.	1,054,250	867,827	26.2%	21.6%	-186,423	-17.7%
	LE 35 ft.	1,175,804	1,508,740	29.3%	37.6%	332,936	28.3%
4D	Freezer	413,936	413,936	8.4%	8.3%	0	0.0%

Area	Vessel Category	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
4D	GT 60 ft.	4,021,310	4,100,095	81.7%	82.7%	78,785	2.0%
Cont.	36-60 ft.	488,392	444,219	9.9%	9.0%	-44,173	-9.0%
4E	GT 60 ft.	11,176	11,176	8.0%	8.0%	0	0.0%
	36-60 ft.	37,032	37,032	26.5%	26.5%	0	0.0%
	LE 35 ft.	91,791	91,384	65.6%	65.5%	-407	-0.4%

Table 2-2b shows the initial and year-end 2014 distributions of QS holders in each area vessel category combination. It also indicates average QS holdings, changes in the number of persons, and average QS holdings for each vessel category.

A person may hold QS in more than one vessel category in an area. For this reason, the sum of QS holders in the different area/vessel category combinations can be greater than the number of unique persons who hold QS in the area, as reported in Table 2-1a and other tables in this report.

The greatest consolidation occurred, in both a numeric and percent basis, in Areas 2C, 3A, 3B, and 4A. Note these are the management areas in which persons received CDQ compensation QS at initial issuance. Many of the persons who were issued CDQ compensation received only small amounts of QS in areas in which they had no prior history of fishing. A considerable amount of CDQ compensation QS was transferred (see Chapter 5) and contributed to the decrease in the number of QS holders in the areas.

As one would expect, average QS holdings increased in most of the areas and vessel categories that experienced declines in the number of QS holders. QS revocations also decreased average QS holdings slightly. Therefore, QS revocations partly offset increases in average holdings due to consolidation.

Table 2-2b. Initial Allocation and Year-end 2014 QS Holders by Management Area and Vessel Category

Area	Vessel Category	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Freezer	31	27	1.3%	2.5%	-4.0	-12.9%	40,295	46,264	5,969	14.8%
	GT 60 ft.	138	66	5.7%	6.1%	-72.0	-52.2%	21,257	40,231	18,974	89.3%
	36-60 ft.	1,146	632	47.5%	58.5%	-514.0	-44.9%	39,913	73,857	33,944	85.0%
	LE 35 ft.	1,096	355	45.5%	32.9%	-741.0	-67.6%	8,829	25,223	16,394	185.7%
3A	Freezer	36	33	1.2	2.3%	-3.0	-8.3%	132,086	144,664	12,578	9.5%
	GT 60 ft.	300	271	9.6	18.7%	-29.0	-9.7%	226,839	253,022	26,183	11.5%
	36-60 ft.	1,496	775	47.9	53.3%	-721.0	-48.2%	66,122	127,583	61,461	93.0%
	LE 35 ft.	1,287	374	41.3	25.7%	-913.0	-70.9%	10,615	33,887	23,272	219.2%
3B	Freezer	19	17	1.8	3.2%	-2.0	-10.5%	83,850	93,715	9,865	11.8%
	GT 60 ft.	214	180	19.9	33.7%	-34.0	-15.9%	139,548	166,608	27,060	19.4%
	36-60 ft.	560	274	52	51.3%	-286.0	-51.1%	37,002	76,519	39,517	106.8%
	LE 35 ft.	284	63	26.4	11.8%	-221.0	-77.8%	7,153	26,231	19,078	266.7%
4A	Freezer	15	13	2.8	5.2%	-2.0	-13.3%	41,267	47,616	6,349	15.4%
	GT 60 ft.	140	102	26	40.6%	-38.0	-27.1%	60,776	83,810	23,034	37.9%
	36-60 ft.	146	83	27.1	33.1%	-63.0	-43.2%	29,422	52,658	23,236	79.0%
	LE 35 ft.	237	53	44.1	21.1%	-184.0	-77.6%	4,760	19,769	15,009	315.3%

Area	Vessel Category	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
4B	Freezer	8	7	5.2	6.9%	-1.0	-12.5%	69,186	79,070	9,884	14.3%
	GT 60 ft.	82	56	53.6	55.4%	-26.0	-31.7%	86,836	127,045	40,209	46.3%
	36-60 ft.	36	27	23.5	26.7%	-9.0	-25.0%	37,510	49,917	12,407	33.1%
	LE 35 ft.	27	11	17.6	10.9%	-16.0	-59.3%	9,963	24,454	14,491	145.4%
4C	Freezer	1	1	1.2	1.6%	0.0	0.0%	18,876	18,876	0	0.0%
	GT 60 ft.	29	20	35.8	31.3%	-9.0	-31.0%	60,946	81,045	20,099	33.0%
	36-60 ft.	20	13	24.7	20.3%	-7.0	-35.0%	50,354	66,756	16,402	32.6%
	LE 35 ft.	31	30	38.3	46.9%	-1.0	-3.2%	37,929	50,291	12,362	32.6%
4D	Freezer	5	4	7.2	7.8%	-1.0	-20.0%	82,787	103,484	20,697	25.0%
	GT 60 ft.	50	37	72.5	72.5%	-13.0	-26.0%	80,426	110,813	30,387	37.8%
	36-60 ft.	14	10	20.3	19.6%	-4.0	-28.6%	25,375	44,422	19,047	75.1%
4E	GT 60 ft.	2	2	1.9	2.1%	0.0	0.0%	5,588	5,588	0	0.0%
	36-60 ft.	7	7	6.7	7.3%	0.0	0.0%	5,290	5,290	0	0.0%
	LE 35 ft.	95	87	91.3	90.6%	-8.0	-8.4%	966	1,050	84	8.7%

2.3 QS Consolidation by Size of QS Holding

The tables in this section provide information on QS distribution at initial issuance and year-end 2014 by area and the relative size of the QS holding. Quota share holdings are classified based on their percentage of the total QS pool in the area. There are nine distinct size categories. It is important to remember that a unit of QS translates to different amounts of IFQ in each area.

The IFQ program rules constrain how much QS a single person may accumulate. In 1995 and 1996, no person, individually or collectively, could use more than 1% of the QS in Area 2C, more than 0.5% of the QS in Areas 2C, 3A, and 3B combined, or more than 0.5% of the QS in Areas 4A, 4B, 4C, 4D, and 4E combined. The rules allowed some initial issuees to exceed some of these restrictions, but these persons were prevented from accumulating more QS.

In June 1996 the NPFMC approved an amendment that increased the combined total caps in Areas 4A, 4B, 4C, 4D, and 4E from 0.5% to 1.5%. This percentage was then applied to the 1996 QS pool to establish a permanent amount of QS that would be used as a cap from year-to-year. The final rule for this amendment became effective March 24, 1997.²⁰

Table 2-3a indicates that in Area 2C, 87.0% of the QS was initially issued to persons who held less than 0.25 percent of the total area QS. In Areas 3A and 3B, 76.8% and 42.0% of the respective QS fell into this classification. In Areas 4A through 4E, the QS was distributed among a wider range of size categories.

²⁰ See 50 CFR 679.42(f) and 50 CFR 679.41(c)(6).

Table 2-3a. Initial Allocation and Year-end 2014 QS by Management Area and Vessel Category

Area	Percent Of area QS	Initial amount of QS	2014 amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in total QS	Percent Change in QS
2C	% < .25	51,846,431	39,555,126	87.0%	66.5%	-12,291,305	-23.7%
	.25 <= % < .5	7,197,918	14,510,380	12.1%	24.4%	7,312,462	101.6%
	.5 <= % < 1.0	524,543	5,411,890	0.9%	9.1%	4,887,347	931.7%
		-----	-----			-----	-----
		59,568,892	59,477,396			-16,853	
3A	% < .25	142,394,109	117,727,198	76.8%	63.7%	-24,666,911	-17.3%
	.25 <= % < .5	43,098,324	48,591,550	23.2%	26.3%	5,493,226	12.7%
	.5 <= % < 1.0	0	18,574,260	0.0%	10.0%	18,574,260	0.0%
		-----	-----			-----	-----
		185,492,433	184,893,008			-599,425	
3B	% < .25	22,879,230	17,259,996	42.0%	31.8%	-5,619,234	-24.6%
	.25 <= % < .5	13,391,928	15,441,306	24.6%	28.5%	2,049,378	15.3%
	.5 <= % < 1.0	12,710,325	16,698,044	23.3%	30.8%	3,987,719	31.4%
	1.0 <= % < 2.0	5,534,920	4,801,969	10.2%	8.9%	-732,951	-13.2%
		-----	-----			-----	-----
		54,516,403	54,201,315			-313,227	
4A	% < .25	3,645,687	731,193	24.9%	5.0%	-2,914,494	-79.9%
	.25 <= % < .5	2,749,175	2,374,115	18.8%	16.3%	-375,060	-13.6%
	.5 <= % < 1.0	4,023,937	5,991,539	27.5%	41.1%	1,967,602	48.9%
	1.0 <= % < 2.0	3,210,718	4,255,410	21.9%	29.2%	1,044,692	32.5%
	2.0 <= % < 3.0	1,004,922	340,556	6.9%	2.3%	-664,366	-66.1%
	3.0 <= % < 4.0	-----	893,198	0.0%	6.1%	-----	-----
		14,634,439	14,587,099			-47,340	
4B	% < .25	662,307	209,556	7.1%	2.3%	-452,751	-68.4%
	.25 <= % < .5	1,232,824	468,668	13.3%	5.0%	-764,156	-62.0%
	.5 <= % < 1.0	1,625,713	1,338,202	17.5%	14.4%	-287,511	-17.7%
	1.0 <= % < 2.0	1,650,480	2,515,828	17.8%	27.1%	865,348	52.4%
	2.0 <= % < 3.0	2,303,964	2,102,479	24.8%	22.6%	-201,485	-8.7%
	3.0 <= % < 4.0	937,537	2,650,041	10.1%	28.5%	1,712,504	182.7%
	4.0 <= % < 5.0	389,990	0	4.2%	0.0%	-389,990	-100.0%
	5.0 <= % < 10	490,576	0	5.3%	0.0%	-490,576	-100.0%
		-----	-----			-----	-----
		9,293,391	9,284,774			-8,617	
4C	% < .25	101,293	34,344	2.5%	0.9%	-66,949	-66.1%
	.25 <= % < .5	158,922	60,176	4.0%	1.5%	-98,746	-62.1%
	.5 <= % < 1.0	603,463	303,683	15.0%	7.6%	-299,780	-49.7%
	1.0 <= % < 2.0	952,760	479,235	23.7%	11.9%	-473,525	-49.7%
	2.0 <= % < 3.0	278,795	651,463	6.9%	16.2%	372,668	133.7%
	3.0 <= % < 4.0	547,726	789,490	13.6%	19.7%	241,764	44.1%
	4.0 <= % < 5.0	546,430	532,838	13.6%	13.3%	-13,592	-2.5%

Area	Percent Of area QS	Initial amount of QS	2014 amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in total QS	Percent Change in QS
4C Cont.	5.0 <= % < 10	826,963	1,165,123	20.6%	29.0%	338,160	40.9%
		-----	-----			-----	-----
		4,016,352	4,016,352			0	
4D	% < .25	59,625	8,231	1.2%	0.2%	-51,394	-86.2%
	.25 <= % < .5	242,584	83,879	4.9%	1.7%	-158,705	-65.4%
	.5 <= % < 1.0	485,628	404,508	9.9%	8.2%	-81,120	-16.7%
	1.0 <= % < 2.0	1,319,316	594,094	26.8%	12.0%	-725,222	-55.0%
	2.0 <= % < 3.0	331,367	1,249,326	6.7%	25.2%	917,959	277.0%
	3.0 <= % < 4.0	537,271	537,060	10.9%	10.8%	-211	0.0%
	4.0 <= % < 5.0	454,584	896,153	9.2%	18.1%	441,569	97.1%
	5.0 <= % < 10	1,493,263	1,184,999	30.3%	23.9%	-308,264	-20.6%
		-----	-----			-----	-----
		4,923,638	4,958,250			34,612	
4E	% < .25	8,049	7,619	5.7%	5.7%	-430	-5.3%
	.25 <= % < .5	9,727	3,252	6.9%	2.4%	-6,475	-66.6%
	.5 <= % < 1.0	10,136	10,834	7.2%	8.1%	698	6.9%
	1.0 <= % < 2.0	20,904	20,904	14.9%	15.6%	0	0.0%
	2.0 <= % < 3.0	22,065	22,065	15.8%	16.5%	0	0.0%
	3.0 <= % < 4.0	15,117	15,117	10.8%	11.3%	0	0.0%
	4.0 <= % < 5.0	13,404	13,404	9.6%	10.0%	0	0.0%
	5.0 <= % < 10	40,597	40,597	29.0%	30.3%	0	0.0%
		-----	-----			-----	-----
		139,999	133,792			0	

Consolidation of QS holdings has led to a reduction in the amount of QS in the smallest size category in all areas except 4E, where there were very few transfers and where all of the TAC is allocated to CDQs. The differences in the distribution from initial issuance to the end of 2014 largely reflect the degree of consolidation.

Table 2-3b provides similar information as Table 2-3a, but shows the number of persons at initial issuance and year-end 2014 by management area and relative size of QS holding. The table shows that the majority of QS holders in Areas 2C to 4A each received less than .25% of the total area QS. After initial issuance in these areas, the number of QS holders in this category dropped significantly. In Area 2C, there was a 23.7% decrease in the number of persons in the “less than .25%” classification, and in Areas 3A, 3B, and 4A the decreases were 17.3%, 24.6%, and 79.9%, respectively. Note that Areas 2C to 4A are areas in which persons were issued CDQ compensation QS, and some of this decrease may have been related to such persons transferring away that type of QS.

Table 2-3B. INITIAL ALLOCATION AND YEAR-END 2014 QS HOLDERS BY MANAGEMENT AREA AND SIZE OF QS HOLDING

Area	Percent Of area QS	Initial amount of QS holders	2014 amount of QS holders	Initial Pct. of Area QS holders	2014 Pct. of Area QS holders	Change in total QS	Percent Change in QS	Initial Average QS holdings	Year –end 2014 Ave QS holding
2C	2,348	924	98.3%	91.2%	-1,424	-60.6%	22,081	42,809	2,348
	.25 <= % < .5	39	75	1.6%	7.4%	36	92.3%	184,562	193,472
	.5 <= % < 1.0	1	14	0.0%	1.4%	13	1300.0%	524,543	386,564
		-----	-----			-----			
		2,388	1,013		-1,375	-1,375			
3A	% < .25	3,001	1,190	97.7%	117.5%	-1,811	-60.3%	47,449	98,930
	.25 <= % < .5	71	77	2.3%	7.6%	6	8.5%	607,019	631,059
	.5 <= % < 1.0	0	16	0.0%	1.6%	16	100.0%	0	1,160,891
		-----	-----			-----			
		3,071	1,283		-1,788	-1,789			
3B	% < .25	944	330	89.4%	70.8%	-614	-65.0%	69,331	52,303
	.25 <= % < .5	70	83	6.6%	17.8%	13	18.6%	191,313	186,040
	.5 <= % < 1.0	35	47	3.3%	10.1%	12	34.3%	365,137	355,278
	1.0 <= % < 2.0	7	6	0.7%	1.3%	-1	-14.3%	790,703	800,328
		-----	-----			-----			
		1,056	466		-590	-590			
4A	% < .25	422	78	79.5%	38.4%	-344	-81.5%	8,639	9,374
	.25 <= % < .5	51	45	9.6%	22.2%	-6	-11.8%	53,905	52,758
	.5 <= % < 1.0	38	55	7.2%	27.1%	17	44.7%	105,893	108,937
	1.0 <= % < 2.0	17	22	3.2%	10.8%	5	29.4%	188,866	193,428
	2.0 <= % < 3.0	3	1	0.6%	0.5%	-2	-66.7%	334,974	340,556
	3.0 <= % < 4.0	0	2	0.0%	1.0%	2	100.0%	0	446,599
		-----	-----			-----			
		531	203		-328	-328			
4B	% < .25	65	21	42.8%	23%	-44	-68%	204,988	9,979
	.25 <= % < .5	35	14	23.0%	15%	-21	-60%	468,668	33,476
	.5 <= % < 1.0	25	20	16.4%	22%	-5	-20%	1,486,162	66,910
	1.0 <= % < 2.0	12	19	7.9%	21%	7	58%	1,875,485	132,412
	2.0 <= % < 3.0	10	9	6.6%	10%	-1	-10%	1,868,320	233,609
	3.0 <= % < 4.0	3	8	2.0%	9%	5	167%	2,328,064	331,255
	4.0 <= % < 5.0	1	0	0.7%	0%	-1	-100%	437,131	0
	5.0 <= % < 10	1	0	0.7%	0%	-1	-100%	490,576	0
		-----	-----			-----			
		152	91		-61	-61			
4C	% < .25	20	10	24.7%	18.9%	-10	-50.0%	5,065	3,434
	.25 <= % < .5	10	4	12.3%	7.5%	-6	-60.0%	15,892	15,044
	.5 <= % < 1.0	20	10	24.7%	18.9%	-10	-50.0%	30,173	30,368
	1.0 <= % < 2.0	18	9	22.2%	17.0%	-9	-50.0%	52,931	53,248
	2.0 <= % < 3.0	3	6	3.7%	11.3%	3	100.0%	92,932	108,577
	3.0 <= % < 4.0	4	6	4.9%	11.3%	2	50.0%	136,932	131,582
	4.0 <= % < 5.0	3	3	3.7%	5.7%	0	0.0%	182,143	177,613
	5.0 <= % < 10	3	5	3.7%	9.4%	2	66.7%	275,654	233,025
		-----	-----			-----			
		81	53		-28	-28			
4D	% < .25	11	3	15.9%	6.4%	-8	-72.7%	5,420	2,744
	.25 <= % < .5	13	4	18.8%	8.5%	-9	-69.2%	18,660	20,970

Area	Percent Of area QS	Initial amount of QS holders	2014 amount of QS holders	Initial Pct. of Area QS holders	2014 Pct. of Area QS holders	Change in total QS	Percent Change in QS	Initial Average QS holdings	Year –end 2014 Ave QS holding
4D	.5 <= % < 1.0	13	11	18.8%	23.4%	-2	-15.4%	37,356	36,773
Cont.	1.0 <= % < 2.0	19	8	27.5%	17.0%	-11	-57.9%	69,438	74,262
	2.0 <= % < 3.0	3	10	4.3%	21.3%	7	233.3%	110,456	124,933
	3.0 <= % < 4.0	3	3	4.3%	6.4%	0	0.0%	179,090	179,020
	4.0 <= % < 5.0	2	4	2.9%	8.5%	2	100.0%	227,292	224,038
	5.0 <= % < 10	5	4	7.2%	8.5%	-1	-20.0%	298,653	296,250
		-----				-----			
		69	47		-22	-22			
4E	% < .25	49	41	47.1%	49.4%	-8	-16.3%	164	186
	.25 <= % < .5	20	6	19.2%	7.2%	-14	-70.0%	488	542
	.5 <= % < 1.0	10	11	9.6%	13.3%	1	10.0%	1,014	985
	1.0 <= % < 2.0	10	10	9.6%	12.0%	0	0.0%	2,090	2,090
	2.0 <= % < 3.0	6	6	5.8%	7.2%	0	0.0%	3,678	3,678
	3.0 <= % < 4.0	3	3	2.9%	3.6%	0	0.0%	5,039	5,039
	4.0 <= % < 5.0	2	2	1.9%	2.4%	0	0.0%	6,702	6,702
	5.0 <= % < 10	4	4	3.8%	4.8%	0	0.0%	10,149	10,149
		-----	-----			-----			
		104	83			-21			

In the other areas from 4B through 4E, where fewer persons were issued QS, QS holders were more widely distributed among different owner categories. The actual numbers of persons who changed QS size categories in these areas was smaller than in areas 2C to 4A.

There were relatively few persons who held large percentages of any area's QS pool. The only persons who held percentages larger than 3% at initial issuance and at the end of 2014 were in Areas 4A, 4B, 4C, 4D, and 4E. Again, relatively few persons were initially issued QS in these areas.

3 Halibut: QS Transfers and QS Prices

Permanent transferability of QS is an important part of the IFQ program. Transfers allow QS to move to persons who feel that they can use it more profitably and to consolidate QS holdings and fishing operations. This chapter looks at the extent of permanent transfers and the prices paid for QS in permanent transactions during the entire nineteen years of the program.

Section 3.1 presents data on the volume and rate of permanent QS transfers and on the number and percentage of persons who transferred QS, summarized by management area from 1995 through 2014.

Section 3.2 presents similar data on QS transfer rates and on QS holder transfer rates, summarized by management area and vessel category from 1995 through 2014. In this section tables, “LE” means “less than or equal to” and GT means “greater than”. Categories refer to the length overall at the vessel on which IFQ generally may be fished.

Section 3.3 presents estimates of average prices for permanent QS transfers broken out by management area, vessel category, and year.

3.1 Transfer Rates by Area

Table 3-1 displays data on QS transfer rates and on QS holder transfer rates by management area for each year from 1995 through 2014, and for all 19 years together. The table contains information on the QS holdings at the end of each year, the total QS permanently transferred, the QS transfer rate, the total number of QS holders at the end of the year, the total number of QS holders who transferred QS (transferors), and the rate at which QS holders transferred QS. The QS transfer rates are the ratios of QS transferred to total QS held at the end of the year, expressed as a percentage. The QS holder transfer rate is the ratio of QS transferors to total QS holders at the end of the year, expressed as a percentage. These data reflect total units transferred even if a particular unit is transferred more than once. “All Year” data reflect sums of annual QS and QS holders and QS transferors, not numbers of unique QS units or persons.

Table 3-1 shows a substantial volume of permanent QS transfers. Over all 19 years combined, the QS transfer rates range from a low of 0.1% in Area 4E (where all of the TAC had been allocated to CDQs), to a high of 11.9% in Area 4A. In each year, the lowest QS transfer rates were in Area 4E where no transfers occurred, except in 1997, 2003 and 2011. The highest QS transfer rate in any single year occurred in Area 4A in 2007 in which 24.8% of the QS were transferred.

The QS transfer rates for the 19 year period tended to be slightly less than the transfer rates for the State of Alaska limited entry permits. Over the years 1995 to 2014, the ratio of the total number of limited entry permit transfers to the total number of transferable permit-years, interpreted here as the permit transfer rate, was 8.4%. Annual permit transfer rates during the period ranged from 5.8 % to 13.3%.²¹

²¹M. Gho, K. Iverson, and C. Farrington. 2015. CFEC Report 15-3N-EXEC Executive Summary, Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975 – 2014.. Transfer rates of State of Alaska limited entry permits and halibut QS units are not completely comparable. Limited entry permits provide an all-or-nothing access to the fishery, and leasing is prohibited, except in emergency cases. Halibut QS units can be transferred in small amounts by persons who remain in the fishery and some halibut QS units can be leased.

Table 3-1 also reports on the QS holder transfer rates. These are the rates derived from the ratios of the number of persons transferring QS to the total number of persons holding QS at the end of the calendar year. Over the 19 years combined, these rates ranged from a low of 0.0% in Area 4E to a high of 35.1% in the year 1997 in Area 4A.

Table 3-1. Halibut QS Transfer Rates by Area and Year

Area	Year	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS Holder Transfer Rate %
2C	1995	58,965,237	10,488,537	17.8%	2,134	447	20.9%
	1996	59,025,567	8,970,321	15.2%	1,920	441	23.0%
	1997	59,549,860	5,952,264	10.0%	1,742	320	18.4%
	1998	59,551,257	3,602,291	6.0%	1,685	166	9.9%
	1999	59,555,379	5,990,804	10.1%	1,623	223	13.7%
	2000	59,633,843	6,293,229	10.6%	1,582	171	10.8%
	2001	59,633,843	5,011,728	8.4%	1,536	152	9.9%
	2002	59,635,055	4,983,251	8.4%	1,511	129	8.5%
	2003	59,556,591	4,858,727	8.2%	1,466	162	11.1%
	2004	59,556,591	4,419,506	7.4%	1,413	153	10.8%
	2005	59,552,039	4,910,190	8.2%	1,384	131	9.5%
	2006	59,552,039	3,939,219	6.6%	1,362	128	9.4%
	2007	59,552,039	4,074,531	6.8%	1,302	135	10.4%
	2008	59,552,039	3,889,590	6.5%	1,225	132	10.8%
	2009	59,552,039	2,534,310	4.3%	1,205	61	5.1%
	2010	59,552,039	3,882,076	6.5%	1,162	111	9.6%
	2011	59,552,039	1,302,243	2.2%	1,130	57	5.0%
	2012	59,536,185	2,238,095	3.8%	1,064	78	7.3%
	2013	59,536,185	2,980,296	5.0%	1,031	77	7.5%
	2014	59,477,396	3,198,620	5.4%	1,013	75	7.4%
	All Yrs.	1,190,077,262	93,519,828	7.9%	28,490	3,349	11.8%
3A	1995	182,683,910	28,557,489	15.6%	2,764	523	18.9%
	1996	184,311,045	26,626,791	14.4%	2,541	529	20.8%
	1997	184,740,655	18,560,798	10.0%	2,343	436	18.6%
	1998	184,723,476	11,374,984	6.2%	2,247	242	10.8%
	1999	184,806,828	16,247,898	8.8%	2,156	330	15.3%
	2000	184,902,586	14,104,337	7.6%	2,098	191	9.1%
	2001	184,873,475	12,824,496	6.9%	2,049	195	9.5%
	2002	184,930,966	13,014,661	7.0%	2,017	196	9.7%
	2003	184,930,966	10,957,094	5.9%	1,964	212	10.8%
	2004	184,910,103	11,069,057	6.0%	1,897	219	11.5%
	2005	184,911,315	7,631,332	4.1%	1,842	160	8.7%
	2006	184,911,315	9,386,115	5.1%	1,795	171	9.5%
	2007	184,911,315	11,330,694	6.1%	1,667	264	15.8%
	2008	184,911,315	8,583,586	4.6%	1,547	205	13.3%
	2009	184,911,315	5,081,707	2.7%	1,501	109	7.3%
	2010	184,911,315	6,181,814	3.3%	1,462	124	8.5%
	2011	184,911,315	8,430,949	4.6%	1,431	114	8.0%
	2012	184,894,204	3,786,802	2.0%	1,341	95	7.1%
	2013	184,893,008	5,202,286	2.8%	1,318	76	5.8%
	2014	184,893,008	8,753,810	4.7%	1,283	102	8.0%
	All Yrs.	3,694,873,435	237,706,700	6.4%	37,263	4,493	12.1%
3B	1995	53,394,413	7,332,140	13.7%	957	150	15.7%
	1996	53,824,727	7,576,146	14.1%	838	248	29.6%
	1997	53,912,549	7,184,384	13.3%	715	233	32.6%
	1998	53,840,588	3,077,361	5.7%	669	85	12.7%
	1999	53,858,666	6,368,057	11.8%	630	144	22.9%

Area	Year	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS Holder Transfer Rate %
	2000	53,907,509	3,939,314	7.3%	609	72	11.8%
	2001	53,907,509	4,297,555	8.0%	586	74	12.6%
	2002	54,203,176	3,871,231	7.1%	577	68	11.8%
	2003	54,203,176	5,052,225	9.3%	577	72	12.5%
	2004	54,262,333	3,182,009	5.9%	557	62	11.1%
	2005	54,262,333	4,125,444	7.6%	546	53	9.7%
	2006	54,203,176	3,812,790	7.0%	526	62	11.8%
	2007	54,203,176	3,812,566	7.0%	519	60	11.6%
	2008	54,203,176	2,260,512	4.2%	495	53	10.7%
	2009	54,203,176	1,337,924	2.5%	493	26	5.3%
	2010	54,203,176	1,777,124	3.3%	489	29	5.9%
	2011	54,203,176	2,767,358	5.1%	494	30	6.1%
	2012	54,201,315	1,667,803	3.1%	477	16	3.4%
	2013	54,201,315	2,456,199	4.5%	477	26	5.5%
	2014	54,201,315	2,992,627	5.5%	466	33	7.1%
	All Yrs.	1,081,399,980	78,890,769	7.3%	11,697	1,596	13.6%
4A	1995	14,276,912	1,757,035	12.3%	478	91	19.0%
	1996	14,421,900	2,069,893	14.4%	433	89	20.6%
	1997	14,502,965	3,444,152	23.7%	382	134	35.1%
	1998	14,503,009	905,843	6.2%	359	49	13.6%
	1999	14,503,996	1,265,249	8.7%	337	73	21.7%
	2000	14,503,996	2,865,572	19.8%	315	64	20.3%
	2001	14,503,996	1,613,476	11.1%	295	47	15.9%
	2002	14,503,996	1,785,424	12.3%	290	37	12.8%
	2003	14,587,099	1,497,414	10.3%	282	40	14.2%
	2004	14,587,099	2,187,984	15.0%	280	42	15.0%
	2005	14,587,099	2,710,554	18.6%	271	53	19.6%
	2006	14,587,099	1,877,975	12.9%	264	34	12.9%
	2007	14,587,099	3,611,517	24.8%	248	57	23.0%
	2008	14,587,099	1,823,276	12.5%	239	32	13.4%
	2009	14,587,099	531,789	3.6%	235	13	5.5%
	2010	14,587,099	1,426,405	9.8%	230	23	10.0%
	2011	14,587,099	1,287,599	8.8%	220	28	12.7%
	2012	14,586,011	994,340	6.8%	208	13	6.3%
	2013	14,586,011	578,432	4.0%	203	11	5.4%
	2014	14,586,011	433,013	3.0%	202	14	6.9%
	All Yrs.	290,762,694	34,666,942	11.9%	5,771	944	16.4%
4B	1995	9,022,264	408,998	4.5%	145	13	9%
	1996	9,281,377	432,444	4.7%	141	12	8.50%
	1997	9,284,774	1,799,544	19.4%	132	32	24.20%
	1998	9,284,774	579,841	6.2%	124	15	12.10%
	1999	9,284,774	1,111,136	12.0%	117	30	25.6%
	2000	9,284,774	1,914,907	20.6%	113	39	34.5%
	2001	9,284,774	1,344,646	14.5%	112	24	21.4%
	2002	9,284,774	673,761	7.3%	108	14	13.0%
	2003	9,284,774	1,388,207	15.0%	108	23	21.3%
	2004	9,284,774	1,286,251	13.9%	107	11	10.3%
	2005	9,284,774	750,014	8.1%	106	11	10.4%
	2006	9,284,774	547,715	5.9%	107	8	7.5%
	2007	9,284,774	1,178,518	12.7%	103	17	16.5%
	2008	9,284,774	1,156,951	12.5%	99	20	20.2%
	2009	9,284,774	1,220,059	13.1%	96	16	16.7%
	2010	9,284,774	534,174	5.8%	96	8	8.3%
	2011	9,284,774	1,352,465	14.6%	90	19	21.1%

Area	Year	Year-end Total QS	QS Transferred	Transfer Rate %	Total QS Holders	QS Transferors	Year-end Transfer Rate %
	2012	9,284,774	645,379	7.0%	91	7	7.7%
	2013	9,284,774	404,040	4.4%	91	6	6.6%
	2014	9,284,774	1,183,251	12.7%	87	10	11.5%
	All Yrs.	185,429,573	19,912,301	10.7%	2,173	335	15.4%
4C	1995	3,969,186	105,330	2.7%	80	3	3.8%
	1996	3,969,186	614,446	15.5%	80	5	6.3%
	1997	3,969,186	380,063	9.6%	77	9	11.7%
	1998	3,969,186	213,635	5.4%	72	7	9.7%
	1999	3,969,186	219,964	5.5%	71	3	4.2%
	2000	3,969,186	222,741	5.6%	69	9	13.0%
	2001	3,969,186	720,578	18.2%	62	14	22.6%
	2002	3,969,186	0	0.0%	61	0	0.0%
	2003	4,016,352	463,048	11.5%	63	4	6.3%
	2004	4,016,352	379,272	9.4%	63	6	9.5%
	2005	4,016,352	423,476	10.5%	63	8	12.7%
	2006	4,016,352	32,196	0.8%	62	1	1.6%
	2007	4,016,352	403,839	10.1%	55	11	20.0%
	2008	4,016,352	477,733	11.9%	56	8	14.3%
	2009	4,016,352	579,500	14.4%	53	8	15.1%
	2010	4,016,352	343,765	8.6%	53	6	11.3%
	2011	4,016,352	554,708	13.8%	53	13	24.5%
	2012	4,016,352	29,267	0.7%	53	1	1.9%
	2013	4,016,352	285,121	7.1%	53	4	7.5%
	2014	4,016,352	266,439	6.6%	53	3	5.7%
	All Yrs.	79,949,712	6,715,121	8.4%	1,252	123	9.8%
4D	1995	4,685,996	109,563	2.3%	68	2	3.0%
	1996	4,790,491	438,168	9.1%	68	5	7.4%
	1997	4,790,491	1,150,444	24.0%	61	21	34.4%
	1998	4,746,318	323,172	6.8%	56	11	19.6%
	1999	4,825,103	371,428	7.7%	53	8	15.1%
	2000	4,869,276	739,320	15.2%	52	15	28.8%
	2001	4,869,276	837,814	17.2%	50	11	22.0%
	2002	4,869,276	952,345	19.6%	48	12	25.0%
	2003	4,958,250	603,474	12.2%	49	9	18.4%
	2004	4,958,250	328,087	6.6%	49	3	6.1%
	2005	4,958,250	105,158	2.1%	47	3	6.4%
	2006	4,958,250	0	0.0%	47	0	0.0%
	2007	4,958,250	475,193	9.6%	48	9	18.8%
	2008	4,958,250	59,427	1.2%	47	3	6.4%
	2009	4,958,250	52,298	1.1%	46	2	4.3%
	2010	4,958,250	412,399	8.3%	46	5	10.9%
	2011	4,958,250	929,644	18.7%	47	10	21.3%
	2012	4,958,250	77,785	1.6%	47	1	2.1%
	2013	4,958,250	310,545	6.3%	47	3	6.4%
	2014	4,958,250	145,907	2.9%	46	5	10.9%
	All Yrs.	97,945,227	8,422,171	8.6%	1,022	138	13.5%
4E	1995	139,999	0	0	104	0	0.0%
	1996	139,999	0	0	104	0	0.0%
	1997	139,999	1,856	1.3%	104	1	1.0%
	1998	139,999	0	0	104	0	0.0%
	1999	139,999	0	0	104	0	0.0%
	2000	139,999	0	0	104	0	0.0%
	2001	139,999	0	0	104	0	0.0%
	2002	139,999	0	0	104	0	0.0%

Area	Year	Year-end Total QS	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS Holder Transfer Rate %
	2003	139,999	698	0.5%	103	2	1.9%
	2004	139,999	0	0	103	0	0.0%
	2005	139,999	0	0	103	0	0.0%
	2006	139,999	0	0	103	0	0.0%
	2007	139,999	0	0	103	0	0.0%
	2008	139,999	0	0	103	0	0.0%
	2009	139,999	0	0	103	0	0.0%
	2010	139,999	0	0	103	0	0.0%
	2011	139,999	84	0.1%	103	1	1.0%
	2012	139,592	0	0.0%	96	0	0.0%
	2013	139,592	0	0.0%	96	0	0.0%
	2014	139,592	0	0.0%	96	0	0.0%
	All Yrs.	2,798,759	2,638	0.1%	2,047	4	0.2%

In all areas, both the number of QS transferors and the QS holder transfer rate fluctuated from 1997 to 2014. In many cases these declines were large. These movements in the number of QS transferors and the QS holder transfer rate paralleled similar declines from 1997 to 2006 for the volume of QS transfers and the QS transfer rate. The transfer rate increase in 2007 due to the change in laws that allow more transfer in medical transfers.

3.2 Transfer Rates by Area and Vessel Category

The annual QS and QS holder transfer rates for each area and vessel category are shown in Table 3-2. Data are provided for 1995 through 2014, and for all 19 years together. The variables shown in this table are those presented in Table 3-1, however the observations include more detailed management area and vessel category breakouts, as opposed to the management area summaries presented in Table 3-1.

Table 3-2 contains information on the QS holdings at the end of the year, the total QS permanently transferred, the QS transfer rate, the total number of QS holders at the end of the year, the total number of QS holders who transferred QS (transferors), and the rate at which QS holders transferred QS. The QS transfer rates are the ratios of QS transferred to total QS held at the end of the year, expressed as a percentage. The QS holder transfer rate is the ratio of QS transferors to total QS holders at the end of the year, also expressed as a percentage.

QS transfer rates often diverged widely between vessel categories within an area. For example, over the 19-year period, the average QS transfer rate for freezer vessels in Area 2C was only 6% , while the rate for “greater than 60 feet” catcher vessel QS was 18.3% . Similarly, the transfer rate for “less than or equal to 35 feet” catcher vessel QS in Area 4C was 6.6%, while the rate for freezer vessel QS was 23.3% . QS holder transfer rates also showed large differences between vessel categories.

In Areas 2C through 4A the “19-year” freezer QS transfer rates tended to be relatively small compared to the catcher vessel category QS transfer rates. However, in Areas 4C freezer vessel transfer rates were larger than the catcher vessel transfer rates. In Area 4E one of the catcher vessel categories had a nonzero transfer rate due to activity in only one year; no freezer vessel QS has been issued in Area 4E.

Table 3.2 Halibut QS Transfer Rates by Area, Vessel Class, and Year

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
2C	1995	Freezer	1,233,704	14,957	1.2%	30	2	6.7%
		GT 60 ft.	2,900,705	454,014	15.7%	125	18	14.4%
		36-60 ft.	45,222,555	8,021,093	17.7%	1,019	279	27.4%
		LE 35 ft.	9,608,273	1,998,473	20.8%	984	152	15.4%
	1996	Freezer	1,243,061	170,327	13.7%	29	9	31.0%
		GT 60 ft.	2,791,577	702,729	25.2%	102	31	31.4%
		36-60 ft.	45,810,132	6,233,633	13.6%	954	267	25.9%
		LE 35 ft.	9,180,797	1,863,632	20.3%	871	158	18.1%
	1997	Freezer	1,249,141	33,187	2.7%	29	5	17.2%
		GT 60 ft.	2,709,684	373,203	13.8%	91	17	17.6%
		36-60 ft.	46,498,798	4,489,620	9.7%	873	180	20.6%
		LE 35 ft.	9,092,237	1,056,254	11.6%	793	122	15.4%
	1998	Freezer	1,249,141	31,432	2.5%	29	2	6.9%
		GT 60 ft.	2,702,528	240,851	8.9%	83	13	15.7%
		36-60 ft.	46,512,181	2,695,091	5.8%	855	95	11.1%
		LE 35 ft.	9,087,407	634,917	7.0%	758	56	7.4%
	1999	Freezer	1,249,141	50,526	4.0%	29	3	10.3%
		GT 60 ft.	2,678,909	188,220	7.0%	80	8	10.0%
		36-60 ft.	46,544,193	4,735,115	10.2%	837	129	15.4%
		LE 35 ft.	9,083,136	1,016,943	11.2%	721	83	11.5%
	2000	Freezer	1,249,141	410,578	32.9%	28	6	21.4%
		GT 60 ft.	2,678,909	788,254	29.4%	79	15	19.0%
		36-60 ft.	46,623,718	4,172,953	9.0%	822	96	11.7%
		LE 35 ft.	9,082,075	921,444	10.1%	696	57	8.2%
	2001	Freezer	1,249,141	85,199	6.8%	28	2	7.1%
		GT 60 ft.	2,666,906	974,052	36.5%	76	15	19.7%
		36-60 ft.	46,725,643	3,287,359	7.0%	803	92	11.5%
		LE 35 ft.	8,992,153	665,118	7.4%	674	45	6.7%
	2002	Freezer	1,249,141	74,444	6.0%	28	1	3.6%
		GT 60 ft.	2,666,906	757,578	28.4%	77	10	13.0%
		36-60 ft.	46,725,643	3,361,459	7.2%	791	70	8.8%
		LE 35 ft.	8,983,863	789,770	8.8%	665	50	7.5%
	2003	Freezer	1,249,141	0	0.0%	28	0	0.0%
		GT 60 ft.	2,666,906	595,744	22.3%	74	12	16.2%
		36-60 ft.	46,657,330	3,329,604	7.1%	783	90	11.5%
		LE 35 ft.	8,983,214	933,379	10.4%	640	61	9.5%
	2004	Freezer	1,249,141	0	0.0%	28	0	0.0%
		GT 60 ft.	2,655,979	511,929	19.3%	71	6	8.5%
		36-60 ft.	46,668,257	3,046,237	6.5%	759	85	11.2%
		LE 35 ft.	8,983,214	861,340	9.6%	610	63	10.5%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
2C Cont.	2005	Freezer	1,249,141	13,353	1.1%	28	1	3.6%
		GT 60 ft.	2,653,410	492,437	18.6%	70	7	10.0%
		36-60 ft.	46,666,634	3,822,114	8.2%	755	83	11.0%
		LE 35 ft.	8,982,854	582,286	6.5%	587	43	7.3%
	2006	Freezer	1,249,141	58,757	4.7%	28	2	7.1%
		GT 60 ft.	2,653,410	412,249	15.5%	70	6	8.6%
		36-60 ft.	46,670,959	3,171,886	6.8%	747	86	11.5%
		LE 35 ft.	8,978,529	296,327	3.3%	569	34	6.0%
	2007	Freezer	1,249,141	132,860	10.6%	28	1	3.6%
		GT 60 ft.	2,653,835	457,836	17.3%	71	8	11.3%
		36-60 ft.	46,671,288	2,673,485	5.7%	724	76	10.5%
		LE 35 ft.	8,977,775	810,350	9.0%	537	53	9.9%
	2008	Freezer	1,249,141	54,200	4.3%	29	2	6.9%
		GT 60 ft.	2,654,762	752,459	28.3%	70	20	28.6%
		36-60 ft.	46,671,063	2,433,329	5.2%	697	54	7.7%
		LE 35 ft.	8,977,073	649,602	7.2%	490	64	13.1%
	2009	Freezer	1,249,141	132,861	10.6%	29	1	3.4%
		GT 60 ft.	2,654,814	476,931	18.0%	70	7	10.0%
		36-60 ft.	46,671,063	1,234,902	2.6%	690	29	4.2%
		LE 35 ft.	8,977,021	420,212	4.7%	479	19	4.0%
	2010	Freezer	1,249,141	132,860	10.6%	29	1	3.4%
		GT 60 ft.	2,654,814	124,250	4.7%	71	5	7.0%
		36-60 ft.	46,677,536	2,688,703	5.8%	673	59	8.8%
		LE 35 ft.	8,970,548	936,263	10.4%	453	53	11.7%
	2011	Freezer	1,249,141	0	0.0%	29	0	0.0%
		GT 60 ft.	2,655,243	69,121	2.6%	70	7	10.0%
		36-60 ft.	46,677,536	954,113	2.0%	668	22	3.3%
		LE 35 ft.	8,970,119	279,009	3.1%	430	30	7.0%
	2012	Freezer	1,249,141	15,613	1.2%	29	2	6.9%
		GT 60 ft.	2,655,243	951	0.0%	70	3	4.3%
		36-60 ft.	46,677,536	1,741,953	3.7%	668	40	6.0%
		LE 35 ft.	8,954,265	479,578	5.4%	430	35	8.1%
	2013	Freezer	1,249,141	13,463	1.1%	29	1	3.4%
		GT 60 ft.	2,655,243	121,755	4.6%	70	5	7.1%
		36-60 ft.	46,677,536	2,239,594	4.8%	668	48	7.2%
		LE 35 ft.	8,954,265	605,484	6.8%	430	24	5.6%
	2014	Freezer	1,249,141	9,548	0.8%	27	2	7.4%
		GT 60 ft.	2,655,243	375,041	14.1%	66	6	9.1%
		36-60 ft.	46,677,536	2,167,856	4.6%	632	43	6.8%
		LE 35 ft.	8,895,476	646,175	7.3%	355	25	7.0%
All Yrs.		Freezer	24,961,303	1,424,617	5.7%	544	41	7.5%
		GT 60 ft.	51,009,783	8,494,563	16.7%	1,490	213	14.3%
		36-60 ft.	884,049,601	64,332,243	7.3%	14,786	1,880	12.7%
		LE 35 ft.	171,818,818	15,800,381	9.2%	11,817	1,202	10.2%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
3A	1995	Freezer	4,156,950	164,789	4.0%	37	2	5.4%
		GT 60 ft.	67,514,777	10,588,079	15.7%	274	82	29.9%
		36-60 ft.	97,630,610	14,700,637	15.1%	1,349	284	21.1%
		LE 35 ft.	13,381,573	3,103,984	23.2%	1,163	161	13.8%
	1996	Freezer	4,736,344	210,053	4.4%	38	5	13.2%
		GT 60 ft.	68,251,744	7,135,866	10.5%	281	72	25.6%
		36-60 ft.	98,459,927	16,201,562	16.5%	1,248	316	25.3%
		LE 35 ft.	12,863,030	3,079,310	23.9%	1,062	145	13.7%
	1997	Freezer	4,755,112	391,508	8.2%	38	7	18.4%
		GT 60 ft.	68,298,684	6,583,233	9.6%	277	52	18.8%
		36-60 ft.	98,862,582	9,942,793	10.1%	1,151	243	21.1%
		LE 35 ft.	12,824,277	1,643,264	12.8%	972	146	15.0%
	1998	Freezer	4,755,112	471,833	9.9%	37	3	8.1%
		GT 60 ft.	68,347,490	2,200,081	3.2%	277	40	14.4%
		36-60 ft.	98,745,121	6,558,793	6.6%	1,111	128	11.5%
		LE 35 ft.	12,875,753	2,144,277	16.7%	923	76	8.2%
	1999	Freezer	4,755,112	53,125	0.0%	37	2	0.0%
		GT 60 ft.	68,482,506	5,107,481	7.5%	277	36	0.0%
		36-60 ft.	98,803,343	8,738,332	8.8%	1,083	155	14.3%
		LE 35 ft.	12,765,867	2,348,960	18.4%	874	64	7.3%
	2000	Freezer	4,773,918	7,618	0.2%	38	2	5.3%
		GT 60 ft.	68,531,533	4,842,359	7.1%	278	27	9.7%
		36-60 ft.	98,834,545	8,420,496	8.5%	1,051	113	10.8%
		LE 35 ft.	12,762,590	833,864	6.5%	843	49	5.8%
	2001	Freezer	4,773,918	257,469	5.4%	37	1	2.7%
		GT 60 ft.	68,536,307	4,109,271	6.0%	281	25	8.9%
		36-60 ft.	98,821,205	7,336,036	7.4%	1,031	118	11.4%
		LE 35 ft.	12,742,045	1,121,720	8.8%	812	51	6.3%
	2002	Freezer	4,773,918	11,828	0.2%	36	2	5.6%
		GT 60 ft.	68,536,316	3,947,540	5.8%	280	28	10.0%
		36-60 ft.	98,821,205	7,190,961	7.3%	1,007	120	11.9%
		LE 35 ft.	12,742,045	1,864,332	14.7%	812	46	5.7%
	2003	Freezer	4,773,918	201,764	4.2%	36	4	11.1%
		GT 60 ft.	68,538,320	3,560,299	5.2%	284	24	8.5%
		36-60 ft.	98,878,687	5,650,829	44.5%	987	113	11.4%
		LE 35 ft.	12,740,041	1,544,202	1.6%	789	71	9.0%
	2004	Freezer	4,773,918	115,745	2.4%	35	3	8.6%
		GT 60 ft.	68,519,881	2,318,027	3.4%	280	25	8.9%
		36-60 ft.	98,876,263	7,398,098	59.1%	958	113	11.8%
		LE 35 ft.	12,740,041	1,237,187	1.3%	727	78	10.7%
	2005	Freezer	4,773,918	39,001	0.8%	36	1	2.8%
		GT 60 ft.	68,519,881	1,906,632	2.8%	279	22	7.9%
		36-60 ft.	98,878,681	4,580,939	4.6%	943	81	8.6%
		LE 35 ft.	12,738,835	1,104,760	8.7%	721	56	7.8%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
3A Cont.	2006	Freezer	4,773,918	8,406	0.2%	36	2	5.6%
		GT 60 ft.	68,559,245	2,828,836	4.1%	282	19	6.7%
		36-60 ft.	98,878,681	5,762,764	5.8%	925	102	11.0%
		LE 35 ft.	12,699,471	786,109	6.2%	695	48	6.9%
	2007	Freezer	4,773,918	14,001	0.3%	35	2	5.7%
		GT 60 ft.	68,560,803	3,663,192	5.3%	281	39	13.9%
		36-60 ft.	98,878,681	6,247,536	6.3%	898	102	11.4%
		LE 35 ft.	12,697,913	1,405,965	11.1%	601	121	20.1%
	2008	Freezer	4,773,918	37,223	0.8%	36	2	5.6%
		GT 60 ft.	68,567,490	2,803,480	4.1%	281	35	12.5%
		36-60 ft.	98,878,681	4,743,246	4.8%	858	89	10.4%
		LE 35 ft.	12,691,226	999,637	7.9%	527	79	15.0%
	2009	Freezer	4,773,918	74,524	1.6%	34	3	8.8%
		GT 60 ft.	68,567,651	1,782,867	2.6%	277	18	6.5%
		36-60 ft.	98,878,681	2,154,187	2.2%	844	36	4.3%
		LE 35 ft.	12,691,065	352,209	2.8%	500	36	7.2%
	2010	Freezer	4,773,918	29,060	0.6%	34	2	5.9%
		GT 60 ft.	68,567,651	1,500,363	2.2%	279	18	6.5%
		36-60 ft.	98,878,681	3,927,858	4.0%	829	64	7.7%
		LE 35 ft.	12,691,065	724,533	5.7%	482	40	8.3%
	2011	Freezer	4,773,918	474,202	9.9%	34	1	2.9%
		GT 60 ft.	68,568,976	2,414,044	3.5%	276	27	9.8%
		36-60 ft.	98,878,681	5,017,550	5.1%	814	56	6.9%
		LE 35 ft.	12,689,740	525,153	4.1%	463	30	6.5%
	2012	Freezer	4,773,918	50,634	1.1%	33	2	6.1%
		GT 60 ft.	68,568,976	236,963	0.3%	274	8	2.9%
		36-60 ft.	98,876,488	2,723,514	2.8%	796	44	5.5%
		LE 35 ft.	12,674,822	775,691	6.1%	400	41	10.3%
	2013	Freezer	4,773,918	85,151	1.8%	33	3	6.1%
		GT 60 ft.	68,568,976	1,361,652	2.0%	273	9	2.9%
		36-60 ft.	98,876,488	3,242,354	3.3%	789	48	5.5%
		LE 35 ft.	12,673,626	513,129	4.0%	389	21	10.3%
	2014	Freezer	4,773,918		0.0%	33		6.1%
		GT 60 ft.	68,568,976	1,994,867	2.9%	271	18	2.9%
		36-60 ft.	98,876,488	5,924,332	6.0%	775	65	5.5%
		LE 35 ft.	12,673,626	834,611	6.6%	374	29	10.3%
	All Yrs.	Freezer	94,767,400	2,697,934	2.8%	713	55	7.7%
		GT 60 ft.	1,369,176,183	70,885,132	5.2%	5,562	663	11.9%
		36-60 ft.	1,975,513,719	136,462,817	6.9%	19,447	2,363	12.2%
		LE 35 ft.	255,358,651	26,942,897	10.6%	14,129	1,367	9.7%
3B	1995	Freezer	1,525,163	148,216	9.7%	20	1	5.0%
		GT 60 ft.	29,676,351	3,443,909	11.6%	195	58	29.7%
		36-60 ft.	20,234,235	3,380,783	16.7%	511	81	15.9%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
3B Cont.		LE 35 ft.	1,958,664	295,594	15.1%	253	12	4.7%
	1996	Freezer	1,587,671	166,975	10.5%	18	7	38.9%
		GT 60 ft.	29,930,873	2,881,424	9.6%	182	95	52.2%
		36-60 ft.	20,598,405	3,988,982	19.4%	483	120	24.8%
		LE 35 ft.	1,707,778	538,765	31.5%	188	28	14.9%
	1997	Freezer	1,593,155	8,498	0.5%	18	2	11.1%
		GT 60 ft.	29,952,504	3,317,731	11.1%	178	42	23.6%
		36-60 ft.	20,668,535	3,338,394	16.2%	394	151	38.3%
		LE 35 ft.	1,698,355	519,761	30.6%	160	46	28.8%
	1998	Freezer	1,593,155	2,766	0.2%	18	1	5.6%
		GT 60 ft.	29,944,248	581,437	1.9%	175	23	13.1%
		36-60 ft.	20,621,534	2,264,440	11.0%	374	47	12.6%
		LE 35 ft.	1,681,651	228,718	13.6%	139	17	12.2%
	1999	Freezer	1,593,155	368,719	23.1%	19	4	21.1%
		GT 60 ft.	29,979,847	3,296,916	11.0%	180	34	18.9%
		36-60 ft.	20,621,534	2,434,427	11.8%	346	52	15.0%
		LE 35 ft.	1,664,130	267,995	16.1%	121	10	8.3%
	2000	Freezer	1,593,155	0	0.0%	19	0	0.0%
		GT 60 ft.	29,980,804	1,703,259	5.7%	176	21	12.1%
		36-60 ft.	20,670,377	1,971,137	9.5%	337	43	13.0%
		LE 35 ft.	1,663,173	264,918	15.9%	116	8	7.2%
	2001	Freezer	1,593,155	352,418	22.1%	18	2	11.1%
		GT 60 ft.	29,983,124	2,633,921	8.8%	176	25	14.3%
		36-60 ft.	20,670,377	1,234,278	6.0%	327	42	13.0%
		LE 35 ft.	1,660,853	76,938	4.6%	108	5	4.8%
	2002	Freezer	1,593,155	148,216	9.3%	18	1	5.6%
		GT 60 ft.	29,983,124	1,925,030	6.4%	178	18	10.2%
		36-60 ft.	20,670,377	1,593,678	7.7%	317	41	13.0%
		LE 35 ft.	1,660,853	204,307	12.3%	106	8	7.8%
	2003	Freezer	1,593,155	171,006	10.7%	17	2	11.8%
		GT 60 ft.	29,983,709	1,964,924	6.6%	180	19	18.6%
		36-60 ft.	20,966,044	2,626,343	12.5%	316	46	25.7%
		LE 35 ft.	1,660,268	289,952	17.5%	105	5	1.6%
	2004	Freezer	1,593,155	23,949	1.5%	17	1	5.9%
		GT 60 ft.	30,042,866	650,552	2.2%	179	12	6.8%
		36-60 ft.	20,966,044	2,374,910	11.3%	302	42	14.0%
		LE 35 ft.	1,660,268	132,598	8.0%	102	7	7.1%
	2005	Freezer	1,593,155	0	0.0%	17	0	0.0%
		GT 60 ft.	30,042,866	1,930,108	6.4%	177	14	7.9%
		36-60 ft.	20,966,072	2,169,508	10.3%	298	36	12.1%
		LE 35 ft.	1,660,240	25,828	1.6%	101	3	3.0%
	2006	Freezer	1,593,155	255,974	16.1%	17	2	11.8%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
3B Cont.		GT 60 ft.	29,987,611	1,655,713	5.5%	179	3	1.7%
		36-60 ft.	20,966,072	1,757,891	8.4%	290	7	2.4%
		LE 35 ft.	1,656,338	143,212	8.6%	93	3	3.2%
	2007	Freezer	1,593,155	56,113	3.5%	17	1	5.9%
		GT 60 ft.	29,988,221	1,045,779	3.5%	179	19	10.6%
		36-60 ft.	20,966,072	2,400,601	11.4%	290	32	11.0%
		LE 35 ft.	1,655,728	310,073	18.7%	92	8	8.7%
	2008	Freezer	1,593,155	0	0.0%	17		0.0%
		GT 60 ft.	29,989,929	1,331,145	4.4%	180	25	13.9%
		36-60 ft.	20,966,072	856,582	4.1%	282	22	7.8%
		LE 35 ft.	1,654,020	72,785	4.4%	76	6	7.9%
	2009	Freezer	1,593,155	0	0.0%	17		0.0%
		GT 60 ft.	29,989,976	568,020	1.9%	180	8	4.4%
		36-60 ft.	20,966,072	511,857	2.4%	283	12	4.2%
		LE 35 ft.	1,653,973	2,082	0.1%	74	2	2.7%
	2010	Freezer	1,593,155		0.0%	17		0.0%
		GT 60 ft.	29,989,976	405,232	1.4%	177	8	4.5%
		36-60 ft.	20,966,072	1,268,641	6.1%	283	17	6.0%
		LE 35 ft.	1,653,973	103,251	6.2%	73	4	5.5%
	2011	Freezer	1,593,155	114,159	7.2%	17	1	5.9%
		GT 60 ft.	29,990,363	1,428,630	4.8%	184	13	7.1%
		36-60 ft.	20,966,072	1,134,448	5.4%	283	13	4.6%
		LE 35 ft.	1,653,586	90,121	5.5%	72	3	4.2%
	2012	Freezer	1,593,155	0	0.0%	17	0	0.0%
		GT 60 ft.	29,989,523	552,515	1.8%	184	3	1.6%
		36-60 ft.	20,966,072	1,094,819	5.2%	277	12	4.3%
		LE 35 ft.	1,652,565	20,469	1.2%	63	1	1.6%
	2013	Freezer	1,593,155	0	0.0%	17	0	0.0%
		GT 60 ft.	29,989,523	1,615,783	5.4%	184	9	4.9%
		36-60 ft.	20,966,072	623,702	3.0%	277	12	4.3%
		LE 35 ft.	1,652,565	179,773	10.9%	63	4	6.3%
	2014	Freezer	1,593,155	55,830	3.5%	17	1	5.9%
		GT 60 ft.	29,989,523	1,383,835	4.6%	180	12	6.7%
		36-60 ft.	20,966,072	1,295,730	6.2%	274	16	5.8%
		LE 35 ft.	1,652,565	257,232	15.6%	63	5	7.9%
	All Yrs.	Freezer	31,789,624	1,872,839	5.9%	352	26	7.4%
		GT 60 ft.	599,404,961	34,315,863	5.7%	3,603	461	12.8%
		36-60 ft.	416,348,182	38,321,151	9.2%	6,544	844	12.9%
		LE 35 ft.	33,561,546	4,024,372	12.0%	2,168	185	8.5%
4A	1995	Freezer	588,884	58,866	10.0%	17	1	5.9%
		GT 60 ft.	8,350,730	587,903	7.0%	136	40	29.4%
		36-60 ft.	4,243,601	896,719	21.1%	135	28	20.7%
		LE 35 ft.	1,093,697	213,547	19.5%	200	22	11.0%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4A Cont.	1996	Freezer	617,547	172,451	27.9%	17	3	17.6%
		GT 60 ft.	8,478,868	769,298	9.1%	139	40	28.8%
		36-60 ft.	4,267,424	905,293	21.2%	126	31	24.6%
		LE 35 ft.	1,058,061	222,851	21.1%	168	15	8.9%
	1997	Freezer	619,003	2,590	0.4%	17	3	17.6%
		GT 60 ft.	8,532,238	1,694,690	19.9%	130	33	25.4%
		36-60 ft.	4,280,423	1,301,974	30.4%	107	57	53.3%
		LE 35 ft.	1,071,301	444,898	41.5%	151	41	27.2%
	1998	Freezer	619,003	734	0.1%	17	1	5.9%
		GT 60 ft.	8,531,883	327,750	3.8%	124	23	18.5%
		36-60 ft.	4,287,490	372,816	8.7%	100	16	16.0%
		LE 35 ft.	1,064,633	204,543	19.2%	138	9	6.5%
	1999	Freezer	619,003	114,681	18.5%	17	3	17.6%
		GT 60 ft.	8,540,086	659,578	7.7%	117	15	12.8%
		36-60 ft.	4,287,490	294,764	6.9%	98	14	14.3%
		LE 35 ft.	1,057,417	196,226	18.6%	124	10	8.1%
	2000	Freezer	619,003	63,098	10.2%	17	42	5.9%
		GT 60 ft.	8,544,724	2,159,073	25.4%	115	1	31.3%
		36-60 ft.	4,287,490	447,559	10.4%	96	36	19.8%
		LE 35 ft.	1,052,779	195,842	19.1%	112	19	8.9%
	2001	Freezer	619,003	81,342	13.1%	15	10	33.3%
		GT 60 ft.	8,545,892	752,695	8.8%	111	5	18.9%
		36-60 ft.	4,287,490	619,490	14.4%	90	21	21.1%
		LE 35 ft.	1,051,611	159,949	15.2%	103	19	5.8%
	2002	Freezer	619,003	0		15	6	0.0%
		GT 60 ft.	8,545,992	1,129,957	13.2%	111	22	19.8%
		36-60 ft.	4,287,490	383,160	8.9%	92	11	12.0%
		LE 35 ft.	1,051,511	272,307	25.6%	99	11	11.1%
	2003	Freezer	619,003	0		15	0	0.0%
		GT 60 ft.	8,546,404	741,847	8.7%	109	17	15.6%
		36-60 ft.	4,370,593	481,503	11.0%	92	17	18.5%
		LE 35 ft.	1,051,099	274,064	26.1%	95	10	10.5%
	2004	Freezer	619,003	696	0.1%	14	1	7.1%
		GT 60 ft.	8,546,404	831,512	9.7%	109	17	15.6%
		36-60 ft.	4,370,593	1,072,241	24.5%	90	17	18.9%
		LE 35 ft.	1,051,099	283,535	27.0%	95	9	9.5%
	2005	Freezer	619,003	113,947	18.4%	12	2	16.7%
		GT 60 ft.	8,546,702	1,300,603	15.2%	107	23	21.5%
		36-60 ft.	4,370,615	869,634	19.9%	91	19	20.9%
		LE 35 ft.	1,050,779	426,370	40.6%	94	12	12.8%
	2006	Freezer	619,003		0.0%	12		0.0%
		GT 60 ft.	8,547,737	770,077	9.0%	107	12	11.2%
		36-60 ft.	4,370,615	881,040	20.2%	91	18	19.8%
		LE 35 ft.	1,049,744	226,858	21.6%	89	7	7.9%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4A Cont.	2007	Freezer	619,003	6,699	1.1%	12	3	25.0%
		GT 60 ft.	8,547,937	2,109,051	24.7%	100	34	34.0%
		36-60 ft.	4,370,615	1,017,297	23.3%	89	15	16.9%
		LE 35 ft.	1,049,544	478,470	45.6%	84	12	14.3%
	2008	Freezer	619,003	0	0.0%	12		0.0%
		GT 60 ft.	8,548,105	918,963	10.8%	103	18	17.5%
		36-60 ft.	4,370,615	710,588	16.3%	88	9	10.2%
		LE 35 ft.	1,049,376	193,725	18.5%	76	6	7.9%
	2009	Freezer	619,003	32,619	5.3%	13	2	15.4%
		GT 60 ft.	8,548,117	53,942	0.6%	101	5	5.0%
		36-60 ft.	4,370,615	100,347	2.3%	88	3	3.4%
		LE 35 ft.	1,049,364	0	0.0%	75	0	0.0%
	2010	Freezer	619,003	0	0.0%	13		0.0%
		GT 60 ft.	8,548,117	992,331	11.6%	100	10	10.0%
		36-60 ft.	4,370,615	281,562	6.4%	89	8	9.0%
		LE 35 ft.	1,049,364	152,512	14.5%	72	7	9.7%
	2011	Freezer	619,003	51,471	8.3%	13	2	15.4%
		GT 60 ft.	8,548,606	660,922	7.7%	99	14	14.1%
		36-60 ft.	4,370,615	502,266	11.5%	87	14	16.1%
		LE 35 ft.	1,048,875	72,940	7.0%	67	3	4.5%
	2012	Freezer	619,003	30	0.0%	13	1	7.7%
		GT 60 ft.	8,548,606	398,933	4.7%	101	5	5.0%
		36-60 ft.	4,370,615	586,223	13.4%	87	10	11.5%
		LE 35 ft.	1,047,787	9,154	0.9%	55	1	1.8%
	2013	Freezer	619,003	0	0.0%	13	0	0.0%
		GT 60 ft.	8,548,615	206,783	2.4%	101	6	5.9%
		36-60 ft.	4,370,615	115,066	2.6%	84	6	7.1%
		LE 35 ft.	1,047,778	87,722	8.4%	54	2	3.7%
	2014	Freezer	619,003	334	0.1%	13	1	7.7%
		GT 60 ft.	8,548,615	273,460	3.2%	102	8	7.8%
		36-60 ft.	4,370,615	106,936	2.4%	83	4	4.8%
		LE 35 ft.	1,047,778	52,283	5.0%	53	2	3.8%
	All Yrs.	Freezer	12,348,485	699,558	5.7%	287	29	10.1%
		GT 60 ft.	170,644,378	17,339,368	10.2%	2,222	399	18.0%
		36-60 ft.	86,676,234	11,946,478	13.8%	1,903	335	17.6%
		LE 35 ft.	21,093,597	4,167,796	19.8%	2,004	195	9.7%
4B	1995	Freezer	322,852	0	0.0%	7	0	0.0%
		GT 60 ft.	7,100,366	259,872	3.7%	78	8	10.3%
		36-60 ft.	1,333,447	149,126	11.2%	34	5	14.7%
		LE 35 ft.	265,599	0	0.0%	27	0	0.0%
	1996	Freezer	553,489	0	0.0%	8	0	0.0%
		GT 60 ft.	7,114,526	317,384	4.5%	77	7	9.1%
		36-60 ft.	1,347,763	98,981	7.3%	33	2	6.1%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4B		LE 35 ft.	265,599	16,079	6.1%	26	3	11.5%
Cont.								
	1997	Freezer	553,489	317,602	57.4%	7	3	42.9%
		GT 60 ft.	7,114,526	1,216,374	17.1%	72	19	26.4%
		36-60 ft.	1,347,763	260,065	19.3%	29	9	31.0%
		LE 35 ft.	268,996	10,503	3.9%	26	2	7.7%
	1998	Freezer	619,003	105,248	17.0%	7	1	14.3%
		GT 60 ft.	8,531,883	350,032	4.1%	70	7	10.0%
		36-60 ft.	4,287,490	112,451	2.6%	28	6	21.4%
		LE 35 ft.	1,064,633	12,110	1.1%	25	1	4.0%
	1999	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	875,249	12.3%	69	11	15.9%
		36-60 ft.	1,347,763	145,873	10.8%	29	4	13.8%
		LE 35 ft.	268,996	90,014	33.5%	20	8	40.0%
	2000	Freezer	553,489	105,831	19.1%	7	3	42.9%
		GT 60 ft.	7,114,526	1,362,569	19.2%	68	22	32.4%
		36-60 ft.	1,347,763	336,885	25.0%	28	12	42.9%
		LE 35 ft.	268,996	109,622	40.8%	19	6	31.6%
						122		
	2001	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	926,376	13.0%	71	11	15.5%
		36-60 ft.	1,347,763	238,235	17.7%	31	6	19.4%
		LE 35 ft.	268,996	180,035	66.9%	17	8	47.1%
	2002	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	577,089	8.1%	68	11	16.2%
		36-60 ft.	1,347,763	52,405	3.9%	31	2	6.5%
		LE 35 ft.	268,996	44,267	16.5%	16	2	12.5%
	2003	Freezer	553,489	59,573	10.8%	7	2	28.6%
		GT 60 ft.	7,114,526	1,029,641	0.8%	68	16	23.5%
		36-60 ft.	1,347,763	298,993	76.4%	32	9	28.1%
		LE 35 ft.	268,996	0	0.0%	16	0	0.0%
	2004	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	1,194,758	16.8%	68	10	14.7%
		36-60 ft.	1,347,763	91,493	6.8%	32	3	9.4%
		LE 35 ft.	268,996	0	0.0%	16	0	0.0%
	2005	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	635,373	8.9%	66	8	12.1%
		36-60 ft.	1,347,763	114,641	8.5%	32	3	9.4%
		LE 35 ft.	268,996	0	0.0%	16	0	0.0%
	2006	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	440,034	6.2%	67	5	7.5%
		36-60 ft.	1,347,763	107,681	8.0%	32	4	12.5%
		LE 35 ft.	268,996	32,196	12.0%	16	1	6.3%
	2007	Freezer	553,489	31,563	5.7%	7	1	14.3%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4B Cont.	2007	GT 60 ft.	7,114,526	939,675	13.2%	66	9	13.6%
		36-60 ft.	1,347,763	196,164	14.6%	31	6	19.4%
		LE 35 ft.	268,996	11,116	4.1%	15	2	13.3%
	2008	Freezer	553,489	31,563	5.7%	7	1	14.3%
		GT 60 ft.	7,114,526	924,101	13.0%	64	11	17.2%
		36-60 ft.	1,347,763	139,293	10.3%	30	6	20.0%
		LE 35 ft.	268,996	61,994	23.0%	12	6	50.0%
	2009	Freezer	553,489	0	0.0%	7		0.0%
		GT 60 ft.	7,114,526	762,922	10.7%	63	6	9.5%
		36-60 ft.	1,347,763	390,186	29.0%	28	10	35.7%
		LE 35 ft.	268,996	0	0.0%	12		0.0%
	2010	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	480,889	6.8%	63	8	12.7%
		36-60 ft.	1,347,763	53,285	4.0%	28	2	7.1%
		LE 35 ft.	268,996	0	0.0%	12	0	0.0%
	2011	Freezer	553,489	31,563	5.7%	7	1	14.3%
		GT 60 ft.	7,114,526	919,268	12.9%	58	13	22.4%
		36-60 ft.	1,347,763	401,634	29.8%	28	8	28.6%
		LE 35 ft.	268,996		0.0%	12		0.0%
	2012	Freezer	553,489	31,563	5.7%	7	1	14.3%
		GT 60 ft.	7,114,526	393,209	5.5%	58	5	8.6%
		36-60 ft.	1,347,763	191,214	14.2%	28	2	7.1%
		LE 35 ft.	268,996	29,393	10.9%	12	1	8.3%
	2013	Freezer	553,489	0	0.0%	7	0	0.0%
		GT 60 ft.	7,114,526	260,405	3.7%	58	4	6.9%
		36-60 ft.	1,347,763	143,635	10.7%	28	3	10.7%
		LE 35 ft.	268,996	0	0.0%	12	0	0.0%
	2014	Freezer	553,489		0.0%	7		0.0%
		GT 60 ft.	7,114,526	802,132	11.3%	56	8	14.3%
		36-60 ft.	1,347,763	360,552	26.8%	27	5	18.5%
		LE 35 ft.	268,996	20,567	7.6%	11	1	9.1%
	All Yrs.	Freezer	10,904,657	714,506	6.6%	141	13	9.2%
		GT 60 ft.	143,693,717	14,667,352	10.2%	1,328	199	15.0%
		36-60 ft.	29,880,671	3,882,792	13.0%	599	107	17.9%
		LE 35 ft.	6,168,763	617,896	10.0%	338	41	12.1%
4C	1995	Freezer	18,876	37,752	200.0%	1	2	200.0%
		GT 60 ft.	1,767,422	0	0.0%	29	0	0.0%
		36-60 ft.	1,007,084	67,578	6.7%	20	1	5.0%
		LE 35 ft.	1,175,804	0	0.0%	31	0	0.0%
	1996	Freezer	18,876	37,752	200.0%	1	2	200.0%
		GT 60 ft.	1,620,607	0	0.0%	28	0	0.0%
		36-60 ft.	820,661	0	0.0%	19	0	0.0%
		LE 35 ft.	1,509,042	576,694	38.2%	33	4	12.1%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4C Cont.	1997	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	264,166	16.3%	28	6	21.4%
		36-60 ft.	820,661	115,897	14.1%	18	3	16.7%
		LE 35 ft.	1,509,042	0	0.0%	33	0	0.0%
	1998	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	106,938	6.6%	26	4	15.4%
		36-60 ft.	820,661	92,984	11.3%	17	3	17.6%
		LE 35 ft.	1,509,042	13,713	0.9%	32	1	3.1%
	1999	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	13,128	0.8%	26	1	3.8%
		36-60 ft.	820,661	206,836	25.2%	17	2	11.8%
		LE 35 ft.	1,509,042	0	0.0%	32	0	0.0%
	2000	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	29,810	1.8%	25	3	12.0%
		36-60 ft.	820,661	38,813	4.7%	16	3	18.8%
		LE 35 ft.	1,509,042	154,118	10.2%	33	3	9.1%
	2001	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	408,597	25.2%	24	7	29.2%
		36-60 ft.	820,661	287,706	35.1%	12	5	41.7%
		LE 35 ft.	1,509,042	24,275	1.6%	32	1	3.1%
	2002	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	0	0.0%	23	0	0.0%
		36-60 ft.	820,661	0	0.0%	11	0	0.0%
		LE 35 ft.	1,509,042	0	0.0%	32	0	0.0%
	2003	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	128,008	7.9%	23	1	4.3%
		36-60 ft.	867,827	335,040	38.6%	14	3	21.4%
		LE 35 ft.	1,509,042	0	0.0%	32	0	0.0%
	2004	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	64,996	4.0%	23	2	8.7%
		36-60 ft.	867,827	314,276	36.2%	14	4	28.6%
		LE 35 ft.	1,509,042	0	0.0%	32	0	0.0%
	2005	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	141,389	8.7%	23	3	13.0%
		36-60 ft.	867,827	146,628	16.9%	14	2	14.3%
		LE 35 ft.	1,509,042	135,459	9.0%	33	3	9.1%
	2006	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	0	0.0%	23	0	0.0%
		36-60 ft.	867,827	0	0.0%	14	0	0.0%
		LE 35 ft.	1,509,042	32,196	2.1%	32	1	3.1%
	2007	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	80,744	5.0%	22	3	13.6%
		36-60 ft.	867,827	151,422	17.4%	14	4	28.6%
		LE 35 ft.	1,509,042	171,673	11.4%	30	4	13.3%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4C Cont.	2008	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	207,934	12.8%	22	3	13.6%
		36-60 ft.	867,827	138,495	16.0%	14	1	7.1%
		LE 35 ft.	1,509,042	131,304	8.7%	31	4	12.9%
	2009	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	81,777	5.0%	23	2	8.7%
		36-60 ft.	867,827	196,545	22.6%	14	2	14.3%
		LE 35 ft.	1,509,042	301,178	20.0%	30	4	13.3%
	2010	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	246,946	15.2%	22	3	13.6%
		36-60 ft.	867,827	73,669	8.5%	13	2	15.4%
		LE 35 ft.	1,509,042	23,150	1.5%	30	1	3.3%
	2011	Freezer	18,876		0.0%	1		0.0%
		GT 60 ft.	1,620,607	428,271	26.4%	19	7	36.8%
		36-60 ft.	867,827	29,267	3.4%	13	1	7.7%
		LE 35 ft.	1,509,042	97,170	6.4%	30	6	20.0%
	2012	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,607	0	0.0%	19	0	0.0%
		36-60 ft.	867,827	29,267	3.4%	13	1	7.7%
		LE 35 ft.	1,509,042	0	0.0%	30	0	0.0%
	2013	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,909	18,618	1.1%	20	1	5.0%
		36-60 ft.	867,827	29,557	3.4%	13	1	7.7%
		LE 35 ft.	1,508,740	236,946	15.7%	30	3	10.0%
	2014	Freezer	18,876	0	0.0%	1	0	0.0%
		GT 60 ft.	1,620,909	0	0.0%	20	0	0.0%
		36-60 ft.	867,827	237,124	27.3%	13	2	15.4%
		LE 35 ft.	1,508,740	29,315	1.9%	30	1	3.3%
	All Yrs.	Freezer	377,520	75,504	20.0%	20	4	20.0%
		GT 60 ft.	32,559,559	2,221,322	6.8%	468	46	9.8%
		36-60 ft.	17,165,635	2,491,104	14.5%	293	40	13.7%
		LE 35 ft.	29,846,998	1,927,191	6.5%	628	36	5.7%
4D	1995	Freezer	355,318	0	0.0%	5	0	0.0%
		GT 60 ft.	3,975,433	69,848	1.8%	49	1	2.0%
		36-60 ft.	355,245	39,715	11.2%	14	1	7.1%
	1996	Freezer	413,936	154,426	37.3%	6	1	
		GT 60 ft.	4,021,310	283,742	7.1%	49	4	8.2%
		36-60 ft.	355,245	0	0.0%	14	0	0.0%
	1997	Freezer	413,936	145,364	35.1%	5	3	60.0%
		GT 60 ft.	4,021,310	846,912	21.1%	47	13	
		36-60 ft.	355,245	158,168	44.5%	13	5	38.5%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4D Cont.	1998	Freezer	413,936	56,618	13.7%	5	1	20.0%
		GT 60 ft.	4,021,310	244,340	6.1%	43	10	23.3%
		36-60 ft.	311,072	20,214	6.5%	11	2	18.2%
	1999	Freezer	413,936	58,618	14.2%	4	1	25.0%
		GT 60 ft.	4,100,095	281,832	6.9%	41	5	12.2%
		36-60 ft.	311,072	30,978	10.0%	11	2	18.2%
	2000	Freezer	413,936	0	0.0%	4	0	0.0%
		GT 60 ft.	4,100,095	603,324	14.7%	42	10	23.8%
		36-60 ft.	355,245	135,996	38.3%	9	5	55.6%
	2001	Freezer	413,936	0	0.0%	4	0	
		GT 60 ft.	4,100,095	521,466	12.7%	41	9	22.0%
		36-60 ft.	355,245	316,348	89.1%	9	5	55.6%
	2002	Freezer	413,936	0	0.0%	4	0	0.0%
		GT 60 ft.	4,100,095	726,969	17.7%	40	10	25.0%
		36-60 ft.	355,245	225,376	63.4%	10	4	40.0%
	2003	Freezer	413,936	0	0.0%	4	0	0.0%
		GT 60 ft.	4,100,095	482,782	11.8%	40	8	20.0%
		36-60 ft.	444,219	120,692	27.2%	11	2	18.2%
	2004	Freezer	413,936	603,474				
		GT 60 ft.	413,936	55,528	13.4%	4	1	25.0%
		36-60 ft.	4,100,095	272,559	6.6%	40	2	5.0%
	2005	Freezer	413,936	0	0.0%	11	0	0.0%
		GT 60 ft.	413,936	44,647	1.1%	4	0	0.0%
		36-60 ft.	4,100,095	60,511	13.6%	39	2	5.1%
	2006	Freezer	413,936	0	0.0%	11	2	18.2%
		GT 60 ft.	413,936	0	0.0%	4	0	0.0%
		36-60 ft.	4,100,095	0	0.0%	39	0	0.0%
	2007	Freezer	413,936	0	0.0%	11	0	0.0%
		GT 60 ft.	413,936	265,519	6.5%	4	0	0.0%
		36-60 ft.	4,100,095	209,674	47.2%	39	5	12.8%
	2008	Freezer	413,936	0	0.0%	12	4	33.3%
		GT 60 ft.	413,936	36,561	0.9%	4	0	0.0%
		36-60 ft.	4,100,095	22,866	5.1%	38	2	5.3%
	2009	Freezer	413,936	0	0.0%	12	2	16.7%
		GT 60 ft.	413,936	20,628	0.5%	4	0	0.0%
		36-60 ft.	4,100,095	31,670	7.1%	38	1	2.6%
	2010	Freezer	413,936	0	0.0%	11	2	18.2%
		GT 60 ft.	413,936	248,692	6.1%	4	0	0.0%
		36-60 ft.	4,100,095	163,707	36.9%	39	5	12.8%
	2011	Freezer	413,936	0	0.0%	11	2	18.2%
		GT 60 ft.	413,936	885,471	21.6%	4	0	0.0%
			4,100,095			38	10	26.3%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
4D Cont.		36-60 ft.	444,219	44,173	9.9%	11	1	9.1%
	2012	Freezer	413,936	0	0.0%	4	0	0.0%
		GT 60 ft.	4,100,095	77,785	1.9%	37	1	2.7%
		36-60 ft.	444,219	0	0.0%	11	0	0.0%
	2013	Freezer	413,936		0.0%	4		0.0%
		GT 60 ft.	4,100,095	310,545	7.6%	37	3	8.1%
		36-60 ft.	444,219		0.0%	11		0.0%
	2014	Freezer	413,936		0.0%	4		0.0%
		GT 60 ft.	4,100,095	37,636	0.9%	37	2	5.4%
		36-60 ft.	444,219	108,271	24.4%	10	3	30.0%
	All Yrs.	Freezer	7,806,166	470,554	6.0%	81	7	8.6%
		GT 60 ft.	77,540,788	6,223,622	8.0%	776	101	13.0%
		36-60 ft.	7,640,023	1,580,088	20.7%	214	39	18.2%
4E	1995	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	1996		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	4	4.2%
	1997		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	1,856	5.0%	7	1	14.3%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	1998		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	1999		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	2000		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	2001		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	2002		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
	2003		0					
		GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	698	0.8%	95	2	2.1%

Area	Year	Vessel Class	Year-end	QS Transferred	QS Transfer Rate %	Year-end Total QS Holders	QS Transferors	QS holder Transfer Rate %
	2004	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
			0					
	2005	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
			0					
	2006	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	95	0	0.0%
			0					
	2007	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	94	0	0.0%
	2008	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	94	0	0.0%
	2009	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	94	0	0.0%
	2010	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	94	0	0.0%
			0					
	2011	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	84	0.1%	94	1	0.0%
	2012	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,791	0	0.0%	87	0	0.0%
	2013	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,384	0	0.0%	87	0	0.0%
	2014	GT 60 ft.	11,176	0	0.0%	2	0	0.0%
		36-60 ft.	37,032	0	0.0%	7	0	0.0%
		LE 35 ft.	91,384	0	0.0%	87	0	0.0%
	All Yrs.	GT 60 ft.	212,344	0	0.0%	38	0	0.0%
		36-60 ft.	703,608	1,856	0.6%	133	1	0.8%
		LE 35 ft.	1,743,622	782	0.1%	1,784	7	0.4%

3.3 QS Sales Prices

This section uses information on 1995 to 2014 transfers to provide estimates of average prices per unit of halibut QS. Due to a significant database change, 1999 data are not available in the following tables.

Table 3-3 shows estimated weighted average annual prices per QS unit transferred by area from 1995 to 2014. QS may be transferred without all of the associated current-year IFQs. The prices shown in this table were calculated from transfers in which the actual current year IFQ transferred with the QS was within 5% of the standard IFQ per unit of QS in that year and management area.

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Table 3-3 also shows pounds of IFQ, the amount of QS, and the number of transfers used to produce the estimates.

Table 3-3 shows that through 2014 the estimated average prices of QS, in dollars per QS unit, ranged from a low of \$0.44 for Area 3B QS in 1995 to a high of \$3.62 for Area 3B QS in 2009. Quota share prices in dollars per QS unit are not comparable across areas because the ratio of IFQs to QS differs from area to area and may differ from year to year as TACs change.

QS prices in dollars per pound of associated IFQ are more comparable across areas. These prices ranged from a low of \$3.68 in Area 4C in 2000 to a high of \$44.29 in Area 2C in 2014. The estimated average prices in dollars per IFQ rose from 1995 to 1998 and then fell in 2000 in Areas 2C, 3A, and 3B the price rose from 2000 to 2008 and then dropped in 2009 and in 2010 thru 2014 the price increased. In the other areas there are relatively small numbers of transactions and there is insufficient information to determine price trends.

Table 3-3. Annual Prices for Halibut QS and IFQ Transfers by Area and Year

Area	Year	Mean	Stan Dev	Total IFQs	Mean	Stan Dev	Total QS	Number of
		Price	Price	Transferred	Price	Price	Transferred	Transactions
		\$/IFQ	\$/IFQ	Used for	\$/QS	\$/QS	Used for	Used for
				Pricing			Pricing	Pricing
2C	1995	7.58	1.21	996,874	1.14	0.18	6,629,554	315
	1996	9.13	2.71	681,056	1.37	0.41	4,539,813	289
	1997	11.37	2.53	517,715	1.92	0.43	3,057,477	211
	1998	10.14	2.11	220,894	1.79	0.37	1,253,771	106
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	8.20	1.88	423,347	1.15	0.26	3,006,920	95
	2001	9.22	1.97	412,990	1.36	0.29	2,806,238	100
	2002	8.97	1.94	363,474	1.28	0.28	2,550,052	84
	2003	9.76	1.97	274,537	1.39	0.28	1,926,434	93
	2004	13.70	3.48	365,513	2.41	0.61	2,073,407	93
	2005	18.06	5.01	311,907	3.31	0.92	1,699,765	72
	2006	18.43	3.57	246,540	3.29	0.64	1,380,274	77
	2007	19.62	4.95	183,297	2.80	0.71	1,282,693	76
	2008	25.90	10.47	206,440	2.70	1.09	1,979,395	96
	2009	20.14	4.94	75,636	1.70	0.42	897,261	30
	2010	22.71	5.13	108,127	1.68	0.38	1,463,469	59
	2011	32.42	13.42	11,562	1.27	0.53	295,435	27

²²Standard IFQs were calculated by multiplying the amount of QS by the ratio of the area's total allowable catch to the amount of QS in the area's QS pool on January 31st of the year. NMFS-RAM supplied this ratio.

Area	Year	Mean	Stan Dev	Total IFQs	Mean	Stan Dev	Total QS	Number of
		Price	Price	Transferred	Price	Price	Transferred	Transactions
		\$/IFQ	\$/IFQ	Used for	\$/QS	\$/QS	Used for	Used for
				Pricing			Pricing	Pricing
2C Cont.	2012	36.22	5.66	42,314	1.60	0.25	960,255	43
	2013	41.46	4.47	64,525	2.07	0.22	1,293,594	43
	2014	44.29	4.56	66,288	2.47	0.26	1,189,215	45
3A	1995	7.37	1.44	1,792,912	0.79	0.15	16,658,196	355
	1996	8.40	4.07	1,582,609	0.90	0.44	14,724,748	352
	1997	9.78	2.45	1,276,525	1.32	0.33	9,443,198	294
	1998	8.55	3.04	666,649	1.20	0.43	4,743,875	157
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	7.94	1.64	614,960	0.79	0.17	6,212,009	120
	2001	8.63	2.79	771,815	1.02	0.33	6,519,428	145
	2002	8.35	1.94	711,255	1.02	0.24	5,810,732	124
	2003	9.81	2.56	565,653	1.20	0.31	4,629,364	126
	2004	13.88	4.22	875,829	1.88	0.57	6,463,336	157
	2005	18.07	4.83	385,893	2.49	0.66	2,803,054	96
	2006	18.09	3.14	586,035	2.46	0.43	4,301,567	116
	2007	20.53	6.72	814,949	2.91	0.95	5,750,520	169
	2008	26.83	8.06	498,864	3.51	1.06	3,808,709	126
	2009	24.47	8.34	244,224	2.87	0.97	2,081,104	71
	2010	21.06	4.60	218,565	2.28	0.50	2,022,792	61
	2011	32.46	6.73	250,484	2.52	0.52	3,225,433	72
	2012	34.41	10.37	117,877	2.22	0.67	1,828,933	56
	2013	30.99	4.65	79,112	1.85	0.28	1,326,640	30
	2014	37.58	4.40	123,156	1.49	0.18	3,111,301	55
3B	1995	6.53	1.40	225,912	0.44	0.10	3,323,670	88
	1996	7.88	2.30	323,160	0.53	0.16	4,760,536	165
	1997	8.58	2.53	605,744	1.43	0.42	3,634,335	157
	1998	7.92	1.78	169,833	1.62	0.36	832,225	49
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	7.84	1.55	464,711	2.19	0.43	1,666,773	44
	2001	8.74	1.32	739,936	2.68	0.41	2,413,081	49
	2002	7.09	1.66	663,248	2.25	0.53	2,087,216	42
	2003	8.01	1.58	769,927	2.53	0.50	2,436,231	46
	2004	11.16	1.87	498,167	3.21	0.54	1,730,918	42
	2005	13.53	1.95	415,646	3.27	0.47	1,718,360	27
	2006	14.83	2.30	428,693	2.96	0.45	2,147,624	42
	2007	16.90	4.97	239,317	2.87	0.84	1,406,901	29
	2008	25.84	8.82	137,505	5.19	1.76	685,144	27
	2009	18.01	5.20	68,517	3.62	1.05	340,731	12
	2010	18.63	1.64	126,573	3.40	0.30	693,011	19
	2011	24.76	2.61	180,672	3.43	0.36	1,304,027	21
	2012	27.46	3.25	45,817	2.57	0.30	489,831	10
	2013	16.12	4.57	57,492	1.26	0.37	737,573	12
	2014	21.66	3.61	60,563	1.13	0.19	1,155,865	18
4A	1995	5.64	2.07	114,616	0.74	0.27	873,519	56
	1996	6.68	1.50	160,899	0.87	0.20	1,230,691	65
	1997	6.67	2.79	383,112	1.35	0.56	1,889,914	90
	1998	6.39	1.98	71,280	1.54	0.48	295,358	29
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	6.62	1.65	456,840	2.27	0.57	1,333,201	42
	2001	7.72	1.94	349,190	2.65	0.67	1,019,050	32
	2002	6.06	1.72	173,517	2.07	0.59	507,079	17
	2003	5.94	2.28	275,440	2.02	0.78	808,422	33
	2004	9.64	2.14	248,645	2.29	0.51	1,045,246	23

Area	Year	Mean Price \$/IFQ	Stan Dev Price \$/IFQ	Total IFQs Transferred Used for Pricing	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
4A Cont.	2005	10.48	2.51	348,980	2.47	0.59	1,481,217	37
	2006	11.43	2.87	310,125	2.62	0.66	1,350,404	28
	2007	13.60	3.92	386,213	2.69	0.78	1,949,392	33
	2008	15.36	5.07	154,056	3.26	1.08	724,924	25
	2009	10.03	3.86	29,326	1.75	0.68	167,758	10
	2010	12.60	2.14	78,132	2.01	0.34	489,162	12
	2011	15.75	2.57	109,115	2.60	0.42	660,439	19
	2012	18.48	2.18	28,152	1.98	0.23	262,064	6
	2013	16.34	2.26	13,793	1.49	0.21	151,310	4
	2014	14.83	3.35	19,300	0.86	0.20	331,205	13
4B	1995	6.14	1.05	34,716	1.23	0.21	173,523	5
	1996	5.03	0.86	51,769	1.00	0.17	260,336	7
	1997	5.15	1.71	294,051	1.54	0.51	980,663	30
	1998	7.24	1.68	94,579	2.18	0.51	313,790	11
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	4.80	1.12	367,338	2.03	0.47	868,276	23
	2001	5.72	1.04	464,187	2.42	0.44	1,097,211	20
	2002	4.64	1.05	65,507	1.67	0.38	181,883	6
	2003	4.55	3.22	163,662	1.64	1.16	454,412	13
	2004	8.10	1.65	238,591	1.96	0.40	985,437	12
	2005	7.49	1.18	63,139	1.46	0.23	324,243	8
	2006	C	C	7,850	C	C	54,558	2
	2007	8.45	2.51	37,045	1.05	0.31	298,569	9
	2008	9.99	2.35	131,987	1.60	0.38	823,570	18
	2009	10.39	1.36	129,379	1.67	0.22	802,982	12
	2010	8.93	1.53	21,700	1.66	0.28	116,598	5
	2011	11.05	1.86	122,182	2.08	0.35	650,471	15
	2012	19.60	1.26	58,425	3.16	0.20	362,811	4
	2013	C	C	508	C	C	4,066	1
	2014	C	C	10,332	C	C	105,186	3
4C	1997	6.29	0.50	48,681	0.91	0.07	336,313	8
	1998	5.67	1.09	33,902	1.14	0.22	169,265	7
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	3.68	0.48	27,570	0.94	0.12	107,811	6
	2001	5.47	1.31	100,428	1.40	0.34	392,724	8
	2003	C	C	47,020	C	C	186,058	3
	2004	5.74	0.59	62,540	1.23	0.13	292,075	5
	2005	5.46	2.02	86,607	1.23	0.46	383,147	7
	2006	0.00	0.00	0	0.00	0.00	0	0
	2007	8.04	1.82	67,184	1.87	0.42	289,134	6
	2008	8.65	1.47	61,260	1.90	0.32	278,173	7
	2009	11.41	1.56	67,133	2.23	0.31	343,693	6
	2010	9.90	0.22	55,116	2.00	0.04	272,450	4
	2011	12.2	2.31	116,704	2.57	0.49	554,708	18
	2013	C	C	6,873	C	C	64,271	3
	2014	13.33	1.46	10,983	0.99	0.11	147,877	4
4D	1996	C	C	27,358	C	C	237,858	3
	1997	5.85	1.63	82,294	0.99	0.28	485,517	11
	1998	6.07	0.97	49,986	1.39	0.22	218,677	11
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	4.31	0.72	37,604	1.26	0.21	128,852	5
	2001	6.44	1.14	107,734	1.87	0.33	370,961	7

Area	Year	Mean	Stan Dev	Total IFQs	Mean	Stan Dev	Total QS	Number of
		Price	Price	Transferred	Price	Price	Transferred	Transactions
		\$/IFQ	\$/IFQ	Used for	\$/QS	\$/QS	Used for	Used for
				Pricing			Pricing	Pricing
4D Cont.	2002	5.56	1.01	115,755	1.62	0.29	396,655	8
	2003	6.86	1.59	120,944	1.96	0.45	422,009	8
	2004	10.01	2.00	79,669	2.43	0.49	328,087	3
	2005	9.09	1.31	19,557	2.33	0.34	76,317	4
	2006	0.00	0.00	0	0.00	0.00	0	0
	2007	8.77	2.18	114,370	2.31	0.57	434,031	9
	2008	C	C	3,526	C	C	14,118	1
	2009	C	C	11,584	C	C	52,298	3
	2010	9.50	2.85	39,239	2.18	0.65	171,040	4
	2011	13.58	1.14	163,162	3.24	0.27	683,856	10
	2012	0.00	0.00	0	0.00	0.00	0	0
	2013	C	C	3,683	C	C	30,370	2
	2014	C	C	5,148	C	C	61,127	3
Average	1995	6.65	1.58	546,956	1.15	0.23	4,702,195	140
	1996	7.42	2.29	471,142	0.93	0.28	4,292,330	147
	1997	7.67	2.27	526,574	1.43	0.42	3,248,517	132
	1998	7.43	1.93	212,204	1.62	0.40	1,276,283	61
	1999	NA	NA	NA	NA	NA	NA	NA
	2000	6.20	1.43	394,133	1.62	0.35	2,202,672	55
	2001	7.42	1.70	474,309	2.00	0.41	2,370,995	59
	2002	6.78	1.55	348,793	1.65	0.39	1,922,270	47
	2003	7.24	2.20	361,694	1.79	0.58	1,779,479	53
	2004	10.28	2.56	384,402	2.36	0.52	2,104,405	55
	2005	10.96	2.80	257,520	2.56	0.54	1,350,493	41
	2006	12.37	2.38	263,207	2.27	0.44	1,539,071	44
	2007	14.65	4.21	295,865	2.44	0.69	1,853,684	54
	2008	18.30	6.95	188,730	3.25	1.07	1,339,310	49
	2009	15.74	4.74	93,111	2.32	0.67	723,689	23
	2010	14.76	2.98	98,723	2.20	0.41	826,012	27
	2011	20.32	4.72	139,530	2.52	0.41	1,136,610	27
	2012	22.69	3.79	48,764	1.92	0.28	650,649	20
	2013	26.23	3.99	36,519	1.67	0.27	590,592	15
	2014	26.34	3.48	42,253	1.39	0.19	871,682	20

Table 3-4 provides a more detailed breakout of QS price estimates by management area and vessel category. The variables shown in Table 3-4 are the same as in Table 3-3.

In many of the area and vessel category combinations there are so few transactions confidentiality standards do not permit disclosing data. In some cases where estimated prices are reported, they are based on smaller number of transactions.²³ There are, however, enough transactions to report QS prices for the catcher vessel categories in Areas 2C, 3A, 3B, and 4A and some general observation that QS prices tend to be higher in larger catcher vessel categories. In each year QS prices in the “greater than 60 feet” catcher vessel category tended to be higher than QS prices in the “36 to 60 feet” category; prices tend to be even lower in the “less than or equal to 35 feet” category.

²³Prices were not reported if they were calculated from fewer than four observations. In addition, some prices with more than three observations were not reported when doing so would have made it possible to calculate confidential prices from other information in the report.

In Areas 2C through 4A, estimated catcher vessel average prices tended to increase from 1995 to 1997 and then fall in 1998-2002 only to increase again towards 2007 and then fall slightly in 2009 and increased in 2011. These QS price movements occurred during a period of rising TACs. The overall Alaska TAC grew enormously during this period, leading to large increases in IFQs. IFQs rose from about 37.4 million pounds in 1995 to about 50.2 million pounds in 2007 followed by a decrease to 43.5 million pounds in 2009. The TAC continued to decrease in 2011 to 30 million pounds with the 2012 allocated pounds set at 24 million pounds and in 2015 it has dropped to 17 million pounds.

These TAC increases were accompanied by declines in ex-vessel prices in 1997 and 2004 however.²⁴ Prices rose somewhat from 1995 to 1996 (from \$1.97 per pound to \$2.19); however they declined from 1997 to 1998 (from \$2.13 to \$1.28). More recent ex-vessel prices have increase to statewide vessel price of 4.27 in 2008 followed by a slight decline in 2009 to \$3.01 with a recent gain in 2014 to \$6.03.

3.4 Annual Prices for Halibut QS and IFQ Transfer Area, Vessel Class and year

Area	Vessel Class	Year	Mean Price \$/IFQ	Stan Dev Price \$/IFQ	Total IFQs Transferred Used for Pricing	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
2C	Freezer	1995	C	C	570	C	C	3,788	1
		1996	8.95	2.38	9,066	1.34	0.36	60,426	4
		1997	12.23	1.04	5,380	2.07	0.18	31,793	4
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	10,500	C	C	74,444	1
		2002	C	C	10,611	C	C	74,444	1
		2008	C	C	716	C	C	6,870	1
		2012	C	C	100	C	C	2,260	1
		2013	C	C	672	C	C	13,463	1
		2014	C	C	7	C	C	127	1
	GT 60 ft.	1995	8.17	1.09	16,916	1.23	0.16	112,499	4
		1996	8.77	1.71	63,204	1.32	0.26	421,218	21
		1997	13.28	2.85	25,080	2.25	0.48	148,232	10
		1998	10.21	1.47	8,202	1.79	0.25	46,668	9
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.82	2.17	65,242	1.1	0.31	462,564	9
		2001	9.92	1.26	64,857	1.46	0.19	440,515	10
		2002	8.23	0.91	29,848	1.17	0.13	209,415	7
		2003	10.04	0.58	21,379	1.43	0.08	149,990	7
		2004	C	C	15,258	C	C	86,546	3
		2005	C	C	7,791	C	C	42,449	2
		2006	C	C	1,490	C	C	8,347	2
		2007	18.42	4.36	622	2.63	0.63	4,356	4
		2008	23.38	6.46	28,398	2.44	0.68	271,668	16
		2010	C	C	5,257	C	C	71,155.00	3
		2011	42.94	9.51	2,642	1.68	0.38	67,500.00	4
		2012	C	C	29	C	C	645	1
		2013	C	C	3,438	C	C	68,916	3
		2014	C	C	8,001	C	C	143,527	3
	36-60 ft.	1995	7.78	1.15	763,157	1.17	0.17	5,075,250	195
		1996	9.51	1.74	450,753	1.43	0.26	3,004,306	155

²⁴The prices discussed in this paragraph are CFEC estimates from Alaska Commercial Operators' Annual Reports on halibut delivered to Alaska processors. Tables in chapter 15 gives ex-vessel prices posted each year.

Area	Vessel Class	Year	Mean Price \$/IFQ	Stan Dev Price \$/IFQ	Total IFQs Transferred Used for Pricing	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
36-60 ft Cont.		1997	11.73	2.58	376,533	1.99	0.44	2,223,068	117
		1998	10.72	1.94	157,964	1.89	0.34	895,887	66
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	8.62	1.38	285,058	1.21	0.19	2,026,442	51
		2001	9.51	1.67	297,036	1.4	0.25	2,018,689	65
		2002	9.43	1.41	265,548	1.34	0.2	1,863,030	45
		2003	10.22	2.04	182,630	1.46	0.29	1,281,319	47
		2004	14.43	2.6	294,916	2.54	0.46	1,672,961	55
		2005	18.56	3.74	262,156	3.41	0.69	1,428,468	45
		2006	19.03	2.89	212,336	3.4	0.52	1,188,723	51
		2007	20.55	3.89	146,432	2.94	0.56	1,024,712	40
		2008	27.70	11.30	147,330	2.89	1.18	1,412,861	33
		2009	20.49	5.07	67,919	1.73	0.43	805,728	19
		2010	23.57	2.25	80,058	1.74	0.16	1,083,543.00	26
		2011	29.47	7.55	3,958	1.15	0.30	101,129.00	6
		2012	37.15	3.13	34,536	1.64	0.14	783,792	20
		2013	42.24	2.81	50,153	2.11	0.14	1,005,482	23
		2014	45.82	4.57	40,573	2.55	0.26	727,871	24
LE 35 ft.		1995	6.8	1.09	216,231	1.02	0.16	1,438,017	115
		1996	8.21	4.51	158,033	1.23	0.68	1,053,863	109
		1997	9.66	1.08	110,722	1.63	0.18	654,384	80
		1998	8.46	1.74	54,728	1.49	0.3	311,216	31
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.44	1.3	62,547	0.91	0.18	443,470	34
		2001	6.67	1.54	51,097	0.98	0.23	347,034	25
		2002	6.68	0.84	57,467	0.95	0.12	403,163	31
		2003	8.51	1.49	70,528	1.21	0.21	495,125	39
		2004	11.03	2.63	55,339	1.94	0.46	313,900	35
		2005	15.28	4.88	41,960	2.8	0.89	228,848	25
		2006	14.46	2.02	32,714	2.58	0.36	183,204	24
		2007	15.87	3.51	36,243	2.27	0.50	253,625	32
		2008	19.51	5.69	29,996	2.03	0.59	287,996	46
		2009	17.02	2.76	7,717	1.43	0.23	91,533	11
		2010	19.67	4.66	22,812	1.45	0.34	308,771.00	30
		2011	29.17	12.47	4,962	1.14	0.49	126,806.00	17
		2012	32.12	3.85	7,649	1.42	0.17	173,558	21
		2013	37.54	4.53	10,262	1.87	0.23	205,733	16
		2014	40.88	3.14	17,707	2.28	0.18	317,690	17
3A Freezer		1995	C	C	8,338	C	C	77,472	1
		1996	9.95	1.13	18,047	1.07	0.12	167,902	4
		1997	C	C	15,287	C	C	113,088	3
		1998	C	C	65,009	C	C	462,366	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2001	C	C	30,481	C	C	257,469	1
		2002	C	C	1,447	C	C	11,828	2
		2004	C	C	5,886	C	C	43,438	2
		2005	C	C	5,372	C	C	39,001	1
		2006	C	C	107	C	C	788	1
		2009	C	C	4,348	C	C	37,048	2
		2013	35.04	0.00	558	2.09	0	9,354	1
GT 60 ft.		1995	7.77	0.7	551,559	0.84	0.08	5,124,599	54
		1996	8.65	3.37	526,090	0.93	0.36	4,894,746	67
		1997	10.05	2.95	469,850	1.36	0.4	3,475,740	35

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3A	GT 60 ft. Cont.	1998	9.13	2.37	147,463	1.28	0.33	1,048,807	38
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	8.41	1.09	182,138	0.83	0.11	1,839,501	17
		2001	9.55	1.84	185,825	1.13	0.22	1,569,649	22
		2002	9.63	1.52	224,297	1.18	0.19	1,832,359	24
		2003	11.54	2.82	150,674	1.4	0.34	1,238,188	12
		2004	15.43	2.04	238,649	2.09	0.28	1,761,256	22
		2005	20.08	2.37	123,234	2.77	0.33	894,653	18
		2006	18.70	2.22	259,860	2.55	0.30	1,906,787	20
		2007	21.32	6.00	365,089	3.02	0.85	2,576,689	23
		2008	28.31	10.12	170,116	3.71	1.33	1,298,767	26
		2009	25.91	6.11	123,484	3.04	0.72	1,052,233	11
		2010	23.07	2.87	66,585	2.49	0.31	615,937.00	9
		2011	33.52	6.00	86,409	2.60	0.47	1,112,664.00	18
		2012	34.53	12.55	4,839	2.23	0.81	75,067	4
		2013	C	C	29,876	C	C	500,808	3
		2014	38.15	2.51	38,587	1.51	0.1	974,492	10
	36-60 ft.	1995	7.23	1.69	1,024,463	0.78	0.18	9,518,413	185
		1996	8.41	4.72	888,858	0.9	0.51	8,270,019	199
		1997	9.95	2.06	654,926	1.34	0.28	4,844,878	155
		1998	8.18	2.41	307,403	1.15	0.34	2,187,960	63
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.91	1.47	396,190	0.78	0.14	4,001,381	73
		2001	8.3	2.91	483,091	0.98	0.34	4,080,602	85
		2002	7.98	1.62	407,445	0.98	0.2	3,328,778	71
		2003	9.69	2.04	304,087	1.19	0.25	2,484,987	67
		2004	13.67	3.25	506,639	1.85	0.44	3,738,736	69
		2005	17.85	4.15	193,793	2.46	0.57	1,408,440	42
		2006	18.06	2.45	260,751	2.46	0.33	1,913,297	57
		2007	20.14	4.61	377,931	2.85	0.65	2,666,184	54
		2008	26.60	5.07	280,334	3.48	0.66	2,140,271	47
		2009	24.27	6.19	86,973	2.85	0.73	741,144	19
		2010	19.89	4.33	113,060	2.15	0.47	1,046,847.00	25
		2011	32.06	4.05	152,490	2.49	0.31	1,963,578.00	34
		2012	35.31	5.18	93,076	2.28	0.34	1,444,146	26
		2013	29.84	2.22	39,616	1.78	0.13	664,575	16
		2014	37.91	3.95	69,635	1.5	0.16	1,759,408	28
	LE 35 ft.	1995	6.99	1.29	208,552	0.75	0.14	1,937,712	115
		1996	7.31	1.2	149,614	0.79	0.13	1,392,081	82
		1997	8.01	1.17	136,462	1.08	0.16	1,009,492	101
		1998	6.43	2.6	146,774	0.9	0.37	1,044,742	54
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	5.88	0.78	36,632	0.58	0.08	371,127	30
		2001	7.4	1.87	72,418	0.88	0.23	611,708	37
		2002	6.59	1.11	78,066	0.81	0.14	637,767	27
		2003	7.8	2.1	110,892	0.95	0.26	906,189	47
		2004	11.61	3.62	124,655	1.57	0.49	919,906	64
		2005	14.68	3.63	63,494	2.02	0.5	460,960	35
		2006	15.74	2.40	65,318	2.14	0.32	480,695	38
		2007	18.59	6.31	71,929	2.63	0.89	507,647	92
		2008	23.02	6.35	48,414	3.02	0.84	369,671	53
		2009	18.07	4.87	29,419	2.12	0.57	250,679	39
		2010	21.04	5.06	38,920	2.27	0.55	360,008	27
		2011	29.69	8.62	11,585	2.31	0.67	149,191	20

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3A	LE 35 ft.	2012	30.18	10.65	19,962	1.94	0.69	309,720	26
		2013	26.38	4.27	9,062	1.57	0.25	151,903	10
		2014	34.59	3.72	14,934	1.37	0.15	377,401	17
3B	Freezer	1996	9.7	2.03	7,031	0.66	0.14	103,574	5
		1997	C	C	1,419	C	C	8,498	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2001	C	C	108,064	C	C	352,418	2
		2002	C	C	47,098	C	C	148,216	1
		2003	C	C	1,856	C	C	5,874	1
		2014	C	C	2,925	C	C	55,830	1
	GT 60 ft.	1995	6.87	0.77	93,917	0.47	0.05	1,381,717	39
		1996	8.11	1.46	144,638	0.55	0.1	2,130,598	69
		1997	9.42	2.58	321,296	1.57	0.43	1,924,522	30
		1998	8.36	1.25	46,122	1.71	0.25	225,996	20
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.96	1.35	202,681	2.22	0.38	726,958	13
		2001	8.56	1	472,402	2.63	0.31	1,540,595	18
		2002	6.9	1.25	416,824	2.19	0.4	1,311,731	17
		2003	8.52	1.69	312,009	2.69	0.54	987,268	13
		2004	12.3	1.43	116,815	3.54	0.41	405,891	11
		2005	13.65	1.28	242,122	3.31	0.31	999,092	12
		2006	15.92	1.1	216,338	3.17	0.21	1,086,293	14
		2007	11.34	6.47	52,063	1.93	1.10	306,067	7
		2008	25.20	10.61	90,538	5.07	2.13	450,228	16
		2009	18.20	3.92	51,530	3.66	0.79	256,252	6
		2010	19.45	1.47	44,466	3.55	0.27	243,452.00	7
		2011	25.34	2.35	113,860	3.51	0.32	821,807.00	11
		2012	C	C	7,000	C	C	74,837	1
		2013	15.63	3.79	53,066	1.22	0.31	681,652	8
		2014	23.06	1.74	43,278	1.21	0.09	825,953	10
	36-60 ft.	1995	6.28	1.69	129,860	0.43	0.11	1,910,546	48
		1996	7.77	2.87	154,306	0.53	0.2	2,273,206	77
		1997	7.67	2.17	246,500	1.28	0.36	1,482,490	99
		1998	8.09	1.6	108,517	1.65	0.33	531,772	18
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	7.89	1.69	231,107	2.2	0.47	828,904	27
		2001	7.91	0.75	149,725	2.42	0.23	488,286	27
		2002	7.05	1.83	175,465	2.24	0.58	552,179	19
		2003	7.86	0.63	444,209	2.48	0.2	1,405,582	31
		2004	10.93	1.78	352,989	3.15	0.51	1,226,477	26
		2005	13.39	1.93	172,226	3.23	0.46	713,909	13
		2006	13.76	0.95	206,414	2.75	0.19	1,031,649	23
		2007	18.35	4.05	179,978	3.12	0.69	1,058,056	20
		2008	27.23	2.65	45,935	5.44	0.50	229,787	9
		2009	C	C	15,715	C	C	78,150	3
		2010	18.27	0.91	71,267	3.34	0.17	390,207.00	9
		2011	23.87	2.36	65,255	3.31	0.33	470,985.00	9
		2012	27.19	3.42	38,817	2.54	0.32	414,994	9
		2013	21.94	5.72	4,426	1.74	0.46	55,921	4
		2014	16.77	1.65	14,360	0.88	0.09	274,082	7
	LE 35 ft.	1995	C	C	2,135	C	C	31,407	1
		1996	6.18	1.02	17,185	0.42	0.07	253,158	14
		1997	7.42	1.29	36,529	1.24	0.22	218,825	26

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	LE 35 ft. Cont.	1998	5.37	2.29	15,194	1.1	0.47	74,457	11
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.71	0.64	30,923	1.87	0.18	110,911	4
		2001	C	C	9,745	C	C	31,782	2
		2002	5.88	1.26	23,861	1.87	0.4	75,090	5
		2003	C	C	11,853	C	C	37,507	1
		2004	9.22	1.11	28,363	2.65	0.32	98,550	5
		2005	C	C	1,298	C	C	5,359	2
		2006	12.52	3.08	5,941	2.51	0.62	29,682	5
		2007	C	C	7,276	C	C	42,778	2
		2008	C	C	1,032	C	C	5,129	2
		2009	C	C	1,272	C	C	6,329	3
		2010	C	C	10,840	C	C	59,352	3
		2011	C	C	1,557	C	C	11,235	1
4A	Freezer	1996	C	C	8,502	C	C	65,033	2
		1997	C	C	526	C	C	2,590	3
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	21,621	C	C	63,098	1
		2001	C	C	26,027	C	C	75,955	1
		2004	C	C	166	C	C	696	1
		2005	C	C	9,942	C	C	42,159	1
		2007	C	C	6	C	C	30	1
		2009	C	C	5,703	C	C	32,619	2
	GT 60 ft.	1995	6.35	0.37	16,000	0.83	0.05	121,934	28
		1996	7.02	1.34	64,061	0.92	0.18	489,996	32
		1997	C	C	195,214	C	C	962,981	19
		1998	8.32	0.9	7,449	2.01	0.22	30,861	15
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	6.96	1.14	375,205	2.38	0.39	1,094,966	26
		2001	8.04	1.09	168,612	2.76	0.38	492,066	14
		2002	6.99	1.09	114,047	2.39	0.37	333,527	7
		2003	8	1.7	104,236	2.73	0.58	305,935	13
		2004	10.19	0.61	105,531	2.42	0.14	443,631	8
		2005	11.16	1	166,997	2.63	0.23	708,142	16
		2006	12.24	1.68	164,338	2.81	0.38	715,591	13
		2007	14.29	2.53	267,049	2.83	0.50	1,347,927	19
		2008	16.92	3.67	101,683	3.60	0.80	478,479	16
		2009	C	C	9,406	C	C	53,809	3
		2010	13.16	1.88	59,986	2.10	0.29	375,550.00	6
		2011	15.29	2.12	77,159	2.53	0.35	467,022.00	9
		2012	C	C	11,492	C	C	106,974	2
		2013	C	C	10,178	C	C	111,650	2
		2014	15.72	2.94	15,891	0.92	0.17	272,691	10
	36-60 ft.	1995	5.47	2.32	87,749	0.72	0.3	668,772	21
		1996	6.55	1.57	80,052	0.86	0.2	612,309	23
		1997	6.46	1.85	151,855	1.31	0.38	749,127	43
		1998	7.14	1.66	41,099	1.72	0.4	170,303	10
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.57	0.83	23,782	1.56	0.28	69,400	7
		2001	7.76	1.11	126,157	2.66	0.38	368,165	13
		2002	C	C	19,702	C	C	57,498	2
		2003	5.69	1.99	108,324	1.94	0.68	317,933	11
		2004	9.91	1.69	119,547	2.36	0.4	502,549	9
		2005	10.49	1.28	120,531	2.47	0.3	512,488	12

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	36-60 ft. Cont.	2006	11.58	1.39	119,265	2.66	0.32	519,327	10
		2007	13.98	2.19	70,173	2.77	0.43	354,193	5
		2008	16.56	3.53	31,482	3.52	0.75	148,139	4
		2009	C	C	3,917	C	C	22,408	2
		2010	11.24	0.95	14,317	1.79	0.15	89,637.00	4
		2011	16.86	3.52	31,935	2.79	0.58	193,291.00	9
		2012	18.52	0.94	15,677	1.99	0.1	145,936	3
		2013	C	C	3,615	C	C	39,660	2
		2014	C	C	2,876	C	C	49,360	2
	LE 35 ft.	1995	5.96	0.73	10,867	0.78	0.1	82,813	7
		1996	C	C	8,284	C	C	63,353	8
		1997	5.41	1.34	35,517	1.1	0.27	175,216	25
		1998	4.4	0.89	22,732	1.06	0.21	94,194	4
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.05	0.95	36,232	1.39	0.33	105,737	8
		2001	3.12	0.33	28,394	1.07	0.11	82,864	4
		2002	3.77	0.96	39,768	1.29	0.33	116,054	8
		2003	2.97	2.44	62,880	1.01	0.83	184,554	9
		2004	5.75	1.28	23,401	1.37	0.3	98,370	5
		2005	7.51	2.65	51,510	1.77	0.63	218,428	8
		2006	5.77	1.52	26,522	1.32	0.35	115,486	5
		2007	9.27	3.48	48,985	1.84	0.69	247,242	8
		2008	5.96	2.80	20,891	1.27	0.59	98,306	5
		2009	C	C	10,300	C	C	58,922	3
		2010	C	C	3,829	C	C	23,975.00	2
		2011	C	C	21	C	C	126.00	1
		2012	C	C	983	C	C	9,154.00	1
		2013	C	C	533	C	C	9,154.00	1
4B	Freezer	1997	C	C	16,846	C	C	56,183	1
		1998	C	C	31,740	C	C	105,248	1
		2000	C	C	1,002	C	C	2,368	1
	GT 60 ft.	1995	C	C	25,118	C	C	125,551	3
		1996	C	C	33,607	C	C	169,002	5
		1997	5.41	1.91	196,074	1.62	0.57	653,912	17
		1998	C	C	35,195	C	C	116,706	5
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	5.02	0.58	305,397	2.12	0.24	721,866	14
		2001	6.01	0.69	346,412	2.54	0.29	818,821	12
		2002	C	C	49,564	C	C	137,616	3
		2003	4.24	1.05	98,937	1.53	0.38	274,698	8
		2004	8.18	1.72	228,002	1.98	0.41	941,702	10
		2005	7.61	1.24	43,133	1.48	0.24	221,501	6
		2007	8.97	2.06	31,403	1.11	0.25	253,095	4
		2008	9.96	1.48	120,182	1.60	0.24	749,908	13
		2009	10.16	1.15	83,104	1.64	0.19	515,782	6
		2010	8.71	1.54	17,875	1.62	0.28	96,045.00	4
		2011	10.76	1.16	85,566	2.02	0.22	455,530.00	9
		2012	C	C	40,540	C	C	251,749	3
		2013	C	C	508	C	C	4,066	1
		2014	C	C	3,621	C	C	36,861	1
	36-60 ft.	1995	C	C	9,598	C	C	47,972	2
		1996	C	C	16,880	C	C	84,886	1
		1997	C	C	77,981	C	C	260,065	10
		1998	6.42	1.55	27,644	1.93	0.46	91,836	5

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	36-60 ft. Cont.	1999	NA	NA	NA	NA	NA	NA	NA
		2000	4.14	0.45	41,439	1.75	0.19	97,949	4
		2001	5.15	0.14	93,798	2.18	0.06	221,715	5
		2002	5.01	4.85	64,725	1.8	1.75	179,714	5
		2004	C	C	10,589	C	C	43,735	2
		2005	C	C	20,006	C	C	102,742	2
		2006	C	C	7,850	C	C	54,558	2
		2007	C	C	4,263	C	C	34,358	3
		2008	C	C	11,544	C	C	72,029	3
		2009	10.80	1.59	46,275	1.74	0.26	287,200	6
		2010	C	C	3,825	C	C	20,553.00	1
		2011	11.33	2.55	36,616	2.13	0.48	194,941.00	6
		2012	C	C	17,885	C	C	111,062	1
		2014	C	C	4,691	C	C	47,758	1
	LE 35 ft.	1996	C	C	1,282	C	C	6,448	1
		1997	C	C	3,150	C	C	10,503	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	2.93	0.62	19,500	1.24	0.26	46,093	4
		2001	C	C	23,977	C	C	56,675	3
		2002	C	C	15,943	C	C	44,267	3
		2007	C	C	1,379	C	C	11,116	2
		2008	C	C	261	C	C	1,633	2
		2014	C	C	2,020	C	C	20,567	1
4C	GT 60 ft.	1997	C	C	31,746	C	C	220,416	5
		1998	C	C	12,532	C	C	62,568	3
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	4,535	C	C	17,733	2
		2001	5.77	1.01	80,200	1.48	0.26	313,625	4
		2003	C	C	32,350	C	C	128,008	1
		2007	C	C	11,591	C	C	49,883	1
		2008	9.60	0.21	41,344	2.11	0.05	187,736	4
		2009	C	C	9,973	C	C	51,059	2
		2010	C	C	44,512	C	C	220,033	2
		2011	12.56	2.69	90,103	2.64	0.56	428,271	11
		2013	C	C	1,991	C	C	18,618	1
	36-60 ft.	1997	C	C	16,935	C	C	115,897	3
		1998	C	C	18,623	C	C	92,984	3
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	4,802	C	C	18,777	2
		2001	C	C	14,020	C	C	54,824	3
		2002	C	C	14,670	C	C	58,050	2
		2003	5.74	0.59	62,540	1.23	0.13	292,075	5
		2005	5.41	2.47	31,982	1.22	0.56	141,389	4
		2007	C	C	15,703	C	C	67,578	1
		2009	C	C	38,391	C	C	196,545	3
		2010	C	C	5,921	C	C	29,267.00	1
		2011	C	C	6,157	C	C	29,267.00	1
		2013	C	C	1,991	C	C	18,618	1
		2014	C	C	8,806	C	C	118,562	3
	LE 35 ft.	1998	C	C	2,747	C	C	13,713	1
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	18,233	C	C	71,301	2
		2001	C	C	6,208	C	C	24,275	1
		2005	C	C	23,332	C	C	103,263	2
		2007	8.47	2.20	39,890	1.97	0.51	171,673	4

Area	Vessel Class	Year	Mean Price \$/IFQ	Stan Dev Price \$/IFQ	Total IFQs Transferred Used for Pricing	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
	LE 35 ft. Cont.	2008	C	C	19,916	C	C	90,437	3
		2009	C	C	18,769	C	C	96,089	1
		2010	C	C	4,683	C	C	23,150.00	1
		2011	10.97	1.41	20,444	2.31	0.30	97,170.00	6
		2013	C	C	1,721	C	C	16,096	1
		2014	C	C	2,177	C	C	29,315	1
4D	Freezer	1996	C	C	17,762	C	C	154,426	1
		1997	C	C	20,759	C	C	122,473	2
		2004	C	C	13,484	C	C	55,528	1
	GT 60 ft.	1996	C	C	9,596	C	C	83,432	2
		1997	6.58	1.02	58,301	1.12	0.17	343,960	7
		1998	C	C	45,365	C	C	198,463	9
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	27,219	C	C	93,268	3
		2001	6.52	1.35	89,494	1.9	0.39	306,666	5
		2002	5.67	0.6	85,205	1.65	0.18	291,971	4
		2003	7.53	1.69	88,862	2.16	0.48	310,065	7
		2004	C	C	66,185	C	C	272,559	2
		2005	C	C	11,441	C	C	44,647	2
		2007	10.57	1.56	59,120	2.79	0.41	224,357	5
		2009	C	C	4,569	C	C	20,628	1
		2010	C	C	8,299	C	C	36,174.00	2
		2011	13.15	2.27	152,623	3.14	0.54	639,683.00	9
		2013	C	C	3,683	C	C	30,370	2
		2014	C	C	2,719	C	C	32,286	2
	36-60 ft.	1997	C	C	3,234	C	C	19,084	2
		1998	C	C	4,621	C	C	20,214	2
		1999	NA	NA	NA	NA	NA	NA	NA
		2000	C	C	10,385	C	C	35,584	2
		2001	C	C	18,240	C	C	64,295	2
		2002	5.24	1.16	30,550	1.53	0.34	104,684	4
		2003	C	C	32,082	C	C	111,944	1
		2005	C	C	8,116	C	C	31,670	2
		2007	6.85	1.61	55,250	1.80	0.42	209,674	4
		2008	C	C	3,526	C	C	14,118	1
		2009	C	C	7,015	C	C	31,670	2
		2010	C	C	30,940	C	C	134,866.00	2
		2011	C	C	10,539	C	C	44,173.00	1
		2014	C	C	2,429	C	C	28,841.00	1

Table 3-5 provides associated annual QS price information for transfers in which QS was sold without any of the current year IFQ. To avoid confusion, prices are provided only in dollars per QS unit. There are fewer of these types of transactions than there are of transfers of QS with all or most IFQs. Prices can only be reported for five management areas. Note that, as before, prices in dollars per QS unit are not comparable across management areas due to differences in the amount of IFQ per unit of QS.

The available estimates of average prices in Table 3-5 range from a low of \$0.47 per QS unit in Area 3B in 1995 to a high of \$5.16 per QS unit in Area 3B in 2008. In Areas 2C, 3A, and 4A, estimated average prices rose from one year to the next from 1995 to 1997 and then fell in 2000. Then the price continued to rise to 2008 and then dropping in 2010.

Table 3_5 Annual Prices for Halibut QS-Only Transfers by Area and Year

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
2C	1995	1.03	0.22	751,236	25
	1996	1.28	0.24	1,484,304	43
	1997	2.07	0.38	480,565	24
	1998	1.46	0.36	228,831	11
	1999	NA	NA	NA	NA
	2000	1.01	0.1	100,353	5
	2001	1.36	0.24	288,268	10
	2002	1.14	0.18	285,846	11
	2003	1.78	0.26	510,643	15
	2004	2.53	0.34	199,037	8
	2005	3.12	0.42	281,172	9
	2006	3.18	0.29	327,249	9
	2007	2.25	0.75	263,742	11
	2008	2.54	0.44	388,945	9
	2009	1.55	0.14	219,663	5
	2010	1.85	0.32	654,564	14
	2011	C	C	40,430	3
	2012	1.87	0.26	438,330	10
	2013	1.97	0.07	203,419	8
	2014	C	C	95,704	2
3A	1995	0.74	0.25	2,068,199	38
	1996	0.85	0.21	4,439,006	82
	1997	1.46	0.29	2,098,195	33
	1998	1.07	0.32	1,532,616	32
	1999	NA	NA	NA	NA
	2000	0.83	0.19	545,673	9
	2001	1.11	0.22	950,204	10
	2002	1.10	0.26	1,307,864	19
	2003	1.56	0.43	935,764	16
	2004	1.90	0.44	654,539	17
	2005	2.38	0.43	388,555	15
	2006	2.65	0.43	1,393,164	23
	2007	3.36	0.6	829,657	21
	2008	3.52	0.47	840,164	17
	2009	2.33	0.18	526,139	16
	2010	2.69	0.35	802,355	15
	2011	2.58	0.26	493,295	9
	2012	2.08	0.33	426,819	10
	2013	1.61	0.19	512,530	9
	2014	1.38	0.17	245,433	9
3B	1995	0.47	0.09	892,536	10
	1996	0.59	0.12	919,400	16
	1997	1.35	0.48	760,885	21
	1998	1.59	0.18	319,637	4
	1999	NA	NA	NA	NA
	2000	C	C	115,988	3
	2002	C	C	197,877	3
	2003	3.00	0.26	311,621	4
	2004	3.20	0.57	53,739	4
	2005	2.97	0.43	715,734	11
	2006	2.96	0.1	233,543	4
	2007	4.01	0.78	320,362	7

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing
3B Cont.	2008	5.16	0.95	239,556	5
	2009	C	C	28,830	2
	2010	C	C	108,644	2
	2011	C	C	34,734	1
	2013	C	C	41,264	1
	2014	C	C	294,207	3
4A	1995	0.60	0.18	196,536	8
	1996	C	C	267,658	3
	1997	1.25	0.43	82,220	6
	1998	1.24	0.18	90,756	4
	1999	NA	NA	NA	NA
	2000	2.32	0.86	128,270	5
	2001	C	C	41,906	3
	2002	C	C	66,778	3
	2003	C	C	211,627	2
	2004	C	C	68,577	3
	2005	2.15	0.63	203,973	6
	2006	2.34	0.81	248,979	5
	2007	2.96	0.86	307,740	7
	2008	3.03	1.33	245,791	5
	2009	C	C	21,587	1
	2010	2.38	0.26	547,902	4
	2012	C	C	77,211	1
	2013	C	C	154,423	1
	2014	C	C	34,766	1
4B	1997	C	C	56,991	1
	2000	C	C	83,710	2
	2001	C	C	24,658	2
	2003	2.04	0.87	323,905	6
	2007	C	C	42,472	1
	2009	C	C	48,431	3
	2010	C	C	210,915	2
	2011	C	C	242,005	3
	2012	C	C	77,872	1
	2013	1.75	0.21	184,157	6
	2014	C	C	115,154	1
4C	2004	C	C	44,370	1
	2007	C	C	30,861	2
	2010	C	C	49,114	2
4D	1996	C	C	29,678	1
	1997	C	C	22,891	1
	2003	C	C	77,785	2
	2010	C	C	106,626	2
	2012	C	C	77,785	1

Table 3-6 is similar to Table 3-5, differing by providing a more detailed breakout of price estimates. In Table 3-6 prices are shown by management area, vessel category, and year. Because of the small numbers of observations, in many cases prices cannot be reported.

Table 3-6 Annual Prices for Halibut QS

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing	Area
2C	Freezer	1996	C	C	41,718	2
		1998	C	C	28,365	1
		1999	NA	NA	NA	NA
		2001	C	C	58,630	1
	GT 60 ft.	1996	C	C	48,234	1
		1997	C	C	98,391	2
		1998	C	C	14,715	1
		1999	NA	NA	NA	NA
		2000	C	C	5,082	1
		2001	C	C	41,057	2
		2003	C	C	3,418	1
		2006	C	C	842	1
		2008	2.63	0.08	283,160	4
		2013	C	C	16,274	1
	36-60 ft.	1995	1.09	0.15	643,143	21
		1996	1.35	0.22	1,102,743	27
		1997	2.07	0.38	330,029	18
		1998	1.32	0.32	146,894	6
		1999	NA	NA	NA	NA
		2000	1.02	0.09	95,271	4
		2001	1.34	0.24	188,468	6
		2002	1.19	0.17	219,743	7
		2003	1.83	0.27	433,643	10
		2004	C	C	53,365	2
		2005	3.08	0.27	195,879	5
		2006	3.18	0.27	326,407	8
		2007	1.94	1.13	129,964	4
		2008	2.3	0.49	105,785	5
		2009	C	C	71,743	2
		2010	1.90	0.32	575,266	10
		2011	C	C	40,430	3
		2012	1.89	0.26	411,934	8
		2013	2.01	0.05	96,589	4
		2014	C	C	84,266	1
	LE 35 ft.	1995	0.7	0.24	108,093	4
		1996	C	C	291,609	13
		1997	C	C	52,145	4
		1998	C	C	38,857	3
		1999	NA	NA	NA	NA
		2001	C	C	113	1
		2002	0.96	0.06	66,103	4
		2003	1.54	0.09	73,582	4
		2004	2.33	0.1	145,672	6
		2005	3.2	0.56	85,293	4
		2007	2.55	0.15	133,778	7
		2009	C	C	147,920	3
		2010	1.48	0.07	79,298	4
		2012	C	C	26,396	2
		2013	C	C	90,556	3
		2014	C	C	11,438	1

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing	Area
3A	Freezer	1996	C	C	42,151	1
		1999	NA	NA	NA	NA
	GT 60 ft.	2012	2.57	0.01	50,634	2
		1995	0.79	0.35	762,830	6
		1996	C	C	0	6
		1997	C	C	1,245,500	14
		1998	C	C	346,290	8
		1999	NA	NA	NA	NA
		2000	C	C	222,750	2
		2001	1.16	0.15	747,176	5
		2002	1.17	0.23	483,937	4
		2003	1.63	0.4	294,083	5
		2004	C	C	49,132	1
		2005	C	C	77,880	2
		2006	C	C	25,918	1
		2007	3.75	0.49	186,689	4
		2008	3.77	0.12	483,827	4
		2009	C	C	60,359	2
		2010	C	C	106,379	2
		2011	2.61	0.11	243,079	5
		2012	C	C	102,756	2
		2013	C	C	94,245	1
		2014	C	C	45,479	2
	36-60 ft.	1995	0.71	0.16	1,178,404	23
		1996	0.85	0.2	2,820,850	51
		1997	1.38	0.22	824,939	18
		1998	1.06	0.25	1,036,518	21
		1999	NA	NA	NA	NA
		2000	0.75	0.12	241,380	5
		2001	0.93	0.14	203,028	5
		2002	1.10	0.24	727,342	13
		2003	1.64	0.34	535,727	8
		2004	2.01	0.35	586,100	15
		2005	2.41	0.36	291,199	11
		2006	2.68	0.44	1,302,969	20
		2007	3.23	0.57	581,926	14
		2008	3.34	0.26	269,853	9
		2009	2.33	0.19	465,780	14
		2010	2.67	0.35	626,966	11
		2011	C	C	210,042	2
		2012	1.92	0.14	273,429	6
		2013	1.71	0.08	318,410	4
		2014	1.36	0.17	136,554	4
	LE 35 ft.	1995	0.7	0.1	126,965	9
		1996	0.73	0.16	629,791	24
		1997	C	C	27,756	1
		1998	C	C	149,808	3
		1999	NA	NA	NA	NA
		2000	C	C	81,543	2
		2002	C	C	96,585	2
		2003	C	C	105,954	3
		2004	C	C	19,307	1
		2005	C	C	19,476	2
		2006	C	C	64,277	2

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing	Area
3A	LE 35 ft Cont.	2007	C	C	61,042	3
		2008	2.68	0.13	86,484	4
		2010	C	C	69,010	2
		2011	C	C	40,174	2
		2013	1.36	0.06	99,875	4
		2014	1.29	0.1	63,400	3
3B	Freezer	1996	C	C	56,113	1
		1999	NA	NA	NA	NA
	GT 60 ft.	1995	C	C	201,892	1
		1996	C	C	469,591	6
		1997	C	C	196,834	5
		1998	C	C	62,350	2
		1999	NA	NA	NA	NA
		2000	C	C	67,944	1
		2003	C	C	109,771	1
		2005	C	C	315,395	3
		2006	C	C	88,776	1
		2007	C	C	113,471	2
		2008	C	C	176,893	3
		2009	C	C	19,620	1
		2010	C	C	75,794	1
		2014	C	C	40,910	1
	36-60 ft.	1995	0.49	0.08	613,999	6
		1996	0.53	0.12	385,783	7
		1997	1.39	0.46	552,392	14
		1998	C	C	232,499	1
		1999	NA	NA	NA	NA
		2000	C	C	48,044	2
		2002	C	C	197,877	3
		2003	C	C	201,850	3
		2004	C	C	53,739	4
		2005	2.93	0.46	400,339	8
		2006	C	C	144,767	3
		2007	4.06	0.35	195,285	4
		2008	C	C	37,875	1
		2009	C	C	9,210	1
		2010	C	C	32,850	1
		2014	C	C	253,297	2
	LE 35 ft.	1995	C	C	76,645	3
		1996	C	C	7,913	2
		1997	C	C	11,659	2
		1998	C	C	24,788	1
		1999	NA	NA	NA	NA
		2007	C	C	11,606	1
		2008	C	C	24,788	1
		2011	C	C	34,734	1
		2013	C	C	41,264	1
4A	Freezer	1996	C	C	107,418	1
		2001	C	C	541	1
	GT 60 ft.	1995	C	C	106,692	2
		1996	C	C	33,278	1
		1997	C	C	16,988	2
		1998	C	C	42,391	1

Area	Year	Mean Price \$/QS	Stan Dev Price \$/QS	Total QS Transferred Used for Pricing	Number of Transactions Used for Pricing	Area
4A	GT 60 ft. Cont.	1999	NA	NA	NA	NA
		2000	C	C	43,774	1
		2003	C	C	176,100	1
		2004	C	C	22,898	1
		2005	C	C	22,898	1
		2007	3.09	0.62	286,218	6
		2008	C	C	117,320	2
		2010	2.39	0.28	523,958	3
		2012	C	C	77,211	1
		2013	C	C	154,423	1
	36-60 ft.	1995	C	C	49,669	3
		1996	C	C	126,962	1
		1997	C	C	56,088	3
		1998	C	C	35,630	2
		1999	NA	NA	NA	NA
		2000	C	C	43,774	1
		2003	C	C	176,100	1
		2004	C	C	22,898	1
		2005	C	C	22,898	1
		2006	C	C	204,584	3
		2008	C	C	84,076	1
		2009	C	C	21,587	1
		2010	C	C	23,944	1
		2014	C	C	34,766	1
	LE 35 ft.	1995	C	C	40,175	3
		1997	C	C	9,144	1
		1998	C	C	12,735	1
		1999	NA	NA	NA	NA
		2000	C	C	22,873	1
		2001	C	C	41,365	2
		2002	C	C	44,395	2
		2003	C	C	35,527	1
		2004	C	C	45,679	2
		2005	C	C	44,328	2
		2006	C	C	44,395	2
		2007	C	C	21,522	1
		2008	C	C	44,395	2
4B	A	2000	C	C	47,536	1
		2003	C	C	55,927	1
	GT 60 ft.	1997	C	C	56,991	1
		1999	NA	NA	NA	NA
		2003	C	C	197,681	3
		2007	C	C	42,472	1
		2009	C	C	35,866	2
		2010	C	C	210,915	2
		2011	C	C	242,005	3
		2012	C	C	77,872	1
		2013	C	C	40,522	2
		2014	C	C	115,154	1
	36-60 ft.	2000	C	C	36,174	1
		2001	C	C	8,762	1
		2003	C	C	70,297	2
		2009	C	C	12,565	1
		2013	1.7	0.25	143,635	4

		Price \$/QS	Price \$/QS	Transferred Used for Pricing	Transactions Used for Pricing	
4B	LE 35 ft.	2001	C	C	15,896	1
4C	GT 60 ft.	1998	C	C	44,370	1
		2007	C	C	30,861	2
		2010	C	C	26,913	1
4D	Freezer	1997	C	C	22,891	1
	GT 60 ft.	1996	C	C	29,678	1
		2003	C	C	77,785	1
		2010	C	C	77,785	1
		2012	C	C	77,785	1
	36-60 ft.	2010	C	C	28,841	1

In all of these tables, there are several caveats associated with the reported statistics. The information provided on the NMFS transfer application forms can be ambiguous. The form does not explicitly differentiate between sale transfers and other transfers. Sale transfer observations used in the tables in this section were selected because prices were supplied. Other sale transfer observations, for which no prices were supplied, could not be used to estimate these prices.

The transfer application forms from which pricing data were gathered also differed somewhat as NMFS attempted to improve data quality. For example, the 1995 form requested prices net of brokers' fees, while the 1996 form requested prices including fees.²⁵

The associated current year IFQ is important in determining QS prices, but the ratio of IFQ to QS can vary between holdings within a management area due to underages and overages from the preceding year. In addition, only a portion of the associated current year IFQ might have been transferred with the QS. This makes it harder to calculate a meaningful average price per QS unit within a management area. On this report we dealt with this difficulty by calculating QS prices for QS sold with "approximately" the associated current year IFQ and for QS sold with no current year IFQ.

²⁵Although the 1995 form requested prices "net" of brokers' fees, respondents typically reported their prices in a "gross" form which included brokers' fees. See Muse, Ben, Kurt Schelle, Elaine Dinneford, and Kurt Iverson, *Changes Under Alaska's Halibut IFQ Program, 1995*. CFEC 96-10N. Alaska Commercial Fisheries Entry Commission. Juneau, AK: 1996. page 155. Subsequent forms requested gross prices.

4 Halibut QS Leases

This chapter examines the extent of formal lease transactions during 1995 through 2014. The data indicate that relatively few lease transactions occurred during this time period.

The regulations for the halibut IFQ program have allowed for leasing of QS by transfer of annual IFQ only, subject to several important restrictions. Where leasing is allowed, it provides a means for QS holders to make seasonal adjustments to their fishing activities and for new persons to enter the fishery.

QS lease transactions are in effect for an IFQ year and expire on December 31 of the year of the lease. The regulations governing leases have changed over time.

From the start of the Program, holders of freezer vessel (harvester/processor category “A”) QS may lease any or all of those holdings during a year. Catcher vessel leasing has been more restricted. Holders of catcher vessel QS for an area could lease up to 10% of their QS in that area during the years 1995, 1996, and 1997. However, these regulations providing for leases of catcher vessel QS expired on January 2, 1998 and have not been renewed.²⁶

The expired IFQ program regulations which provided for limited leasing of catcher vessel QS during the first three years of the program represented a compromise designed to balance the Council's different objectives. Opponents of leasing wanted to keep QS in the hands of active fishermen rather than absentee QS holders. Some persons also thought that the ability to lease QS might dampen the volume of QS sales and make it more difficult for new persons to enter the fishery as QS owner-operators. Proponents of QS leasing wanted to maintain operational flexibility for fishermen in a dynamic environment.²⁷ The temporary 10% rule sought to balance both sets of concerns.

Several program provisions allow leasing of catcher vessel QS/IFQ in limited circumstances. First, the surviving spouse or other individual beneficiary from the QS holdings immediate family can lease catcher vessel QS for a three year period following the death of the holder.²⁸ Next, in 2004 NOAA Fisheries (NMFS) implemented a new program feature to protect economies of selected fisheries dependent GOA communities. These communities can form nonprofit organizations to acquire QS for lease to community residents. The intent is to assist a number of small coastal communities in Southeast and Southcentral Alaska, striving to remain economically viable, to increase or maintain their participation in the halibut and sablefish fisheries. As of August 2015, there are 46 Community Quota Entities (CQE) that have been established, although only three have purchased commercial halibut quota. In 2007 “emergency medical” leases²⁹ and in 2008 a provision allowing mobilized National Guard and reservist QS holders to lease out IFQ were added.³⁰

This has more than doubled the number of leases in 2C 3A and 4A. It has increased leasing rate percentage from 1 and .5 percent in area 2C and 3A in 2006 to 3.3 and 3.0 percent in 2014 for the same areas.

²⁶ See 50 CFR679.41(h) for catcher vessel leasing rules. There is no corresponding rule on freezer vessel QS leases.

²⁷ This discussion is adapted from FR 58(215): 59392. November 9, 1993.

²⁸ See 50 CFR679.41(k)(2)

²⁹ Emergency Medical Transfer- 72FR 44795 August 9, 2007

³⁰ Military Transfer- 73 FR 28733 May 19, 2008

The tables in this chapter will show that there have been relatively few catcher vessel QS lease transactions. This may be partially due to the fact that large portions of the halibut catcher vessel QS were “blocked” and at the beginning of the program, a block had to be transferred in its entirety for any kind of transfer.

At the start of the program, blocked QS could only be leased on this “all or nothing” basis. Blocks could not be broken up to allow some of the QS to be leased. This rule, coupled with the 10% leasing restriction, made the leasing of blocked catcher vessel QS difficult.

For example, a person who only held one block of QS in an area could not lease that block or any part of it. Similarly, a person who held two blocks of QS for an area would only be in a position to lease QS if one block was no more than 10% of the person's total QS holding.

During 1996 the regulations governing leasing of blocked QS were reworded into terms of IFQ. This change in wording allowed for 10% of the IFQ associated with a segment of blocked QS to be leased annually. In other words, the blocking provision no longer applied to seasonal lease transactions of IFQ. This liberalization of the leasing provision for blocked catcher vessel QS became effective on September 9, 1996. However, this small change in the leasing provisions did not have a substantial effect on catcher vessel QS leasing activities during subsequent years.

The reader should be aware that this chapter only covers formal lease transactions as reported to NMFS-RAM. While formal leases of catcher vessel QS were not extensively used during the 1995 through 2014, there was another means under the halibut IFQ program regulations whereby some QS could be fished by someone other than the QS holder.

Regulations allowing for the use of a “hired master” (skipper) by an initial QS recipient on a vessel owned by the initial QS recipient were widely used during the nineteen years of the program. This topic is explored further in Chapter 12.

Any Category A (Freezer vessel) halibut QS holder can use a hired skipper to harvest the IFQ associated with that QS. Corporations and partnerships and other business entities must employ a skipper to harvest the resource. Similarly, individuals who are initial recipients of catcher vessel QS can use a hired skipper in many cases, with appropriate levels of vessel ownership.

For example, regulations provide that: “An individual who received an initial allocation of QS assigned to (catcher) vessel categories B, C, or D does not have to be aboard the vessel on which his or her IFQ is being fished, or to sign IFQ landing reports if that individual owns at least a 20% interest in the vessel and is represented on the vessel by a master employed by that individual.” This provision is not extended to individuals who were initial QS recipients in IPHC Area 2C.³¹

The regulatory requirement that the initial QS holder own a percentage of the vessel that is being used to harvest the IFQ was meant to discourage leasing of QS. However, prior to 1997, this regulation was not specific concerning the percentage ownership interest that the QS holder needed. There apparently have been cases where an initial catcher vessel QS holder has purchased a small fractional ownership interest in a vessel, and then the skipper of that vessel fished all of the person's IFQ. Some of these arrangements may be *de facto* leases. Since the QS holder seems to be using a “hired skipper” and can avoid a formal lease transaction, the restrictions on leasing only 10% of the annual IFQ can be circumvented. In other words, more

³¹ See 50 CFR 679.42(i)(1), 50 CFR 679.42(i)(2) and 50 CFR 679.42 (j).

than 10% of the IFQ associated with the person's catcher vessel QS holdings for an area could be fished under such an arrangement.

The Council studied the possibility of percentage ownership requirements in 1997 and adopted the 20% minimum percentage to constrain this practice.³² NMFS-RAM, acting on the Council's intent, implemented regulations, which also authorized "indirect" vessel ceilings for QS holders and became effective June 9, 1999.

Although prohibited by regulation, persons might also be able to circumvent the restrictions on leasing of catcher vessel QS if they sell their QS with a tacit understanding that the QS would be transferred back to the original QS holder at the end of a specific time. The author has not examined the extent of returned transfers for this report.³³

4.1 Halibut QS and QS Holder Lease Rates by IFQ Area

The halibut IFQ program's rules provide for unlimited leasing of freezer vessel QS. However, during the first three years only 10% of a person's catcher vessel QS for an area could be leased in a year.³⁴

Originally, catcher vessel QS contained in blocks could not be separated for lease purposes. This meant that either the entire block had to be leased or none of the QS in the block could be leased. Under the regulation, it was impossible for a person who held only a single block of QS for an area to lease any of that QS.

As large portions of the catcher vessel QS issued in some areas were issued in blocks, leasing of some QS was not feasible for many persons. As a result, the regulation was altered in 1996 to allow leasing of up to 10% of the IFQ associated with a person's QS for an area, even if the QS was in a block. However, this liberalization did not become effective until September 9, 1996. Moreover, the change seemed to have very little effect on QS leasing during the 1996 and 1997 seasons.

Table 4-1 provides a broad overview of halibut QS leasing activity by management area and year for 1995 through 2014 for all QS types including Freezer share. The table provides year-end amounts of QS outstanding and QS leased each year. A rough "QS lease rate" is calculated by dividing the amount of QS leased by the amount of QS outstanding at the end of each year and converting the resulting fraction to a percentage.

The table also contains an "All Years" row that provides summary data over all nineteen years. The data in the rows are the sums of numbers over the nineteen year period (rather than averages or unique counts) or ratios based upon numbers summed over all nineteen years. The percentage of QS leased over the 1995 through 2014 period was relatively small, generally 2.1% or less of available QS.³⁵ Over the entire time period, there were no QS leases in area 4E

³² At their September 1997 meeting in Seattle, the Council adopted a proposal requiring initial recipients of catcher vessel QS who wanted to use a designated skipper to hold a 20% ownership of interest in any vessel used by their hired skipper. Some "grandfathered" privileges are included in the new rule that will allow some initial QS holders who had used a hired mater prior to April 17, 1997 to continue to use a hired skipper on a vessel where they have a smaller ownership interest. NMFS-RAM began implementing the Council's intent in 1998. (See page 6, The IFQ Program; 1998 Report To The Fleet published by NMFS-RAM in February 1998). These rules were incorporated into regulations as 50 CFR 679.42 9(i)(1) and 50 CFR 679.42(j), which became effective June 9, 1999.

³³ While it is possible that such arrangements have occurred, transfers with agreements for repossession by the original owner are prohibited under 50 CFR 679.41(g)(4)

³⁴ See 50 CFR 679.41(e) and (h)

because no TAC was available to the IFQ program. QS lease rates in the other areas ranged from 0.5% in 4B to 3.5% in Area 4C. The highest QS lease rate in any area and years was 9.5% in area 4C, in 2014. Again, the low lease rates are partially due to the restrictions on the leasing of catcher vessel QS.³⁶

Table 4-1 also provides data on the number of year-end QS holders and the number of QS holders who leased out some of their QS during the year. A rough “QS holder lease (lessor) rate” is also calculated by dividing the number of QS lessors during the year by the number of year-end QS holders and converting the resulting fraction to a percentage.³⁷ Apart from Area 4E, where there were no QS leases all year, QS lessor rates ranged from 0.6% in Area 4B to 1.4% in Areas 4A with a maximum rate in Area 4D in 1998 of 5.4%. This table does include medical and survivorship leases.

Table 4-1. Halibut QS and QS Holder Lease Rates by IFQ Area, 1995-2014

Area	Year	Year-end QS	Leased QS*	QS Lease Rate (%)	Year-end Persons	Unique Lessors	Lessor Rate (%)
2C	1995	58,965,237	170,260	0.3%	2,134	7	0.3%
	1996	59,025,567	268,393	0.5%	1,920	12	0.6%
	1997	59,549,860	425,965	0.7%	1,742	15	0.9%
	1998	59,551,257	518,925	0.9%	1,685	14	0.8%
	1999	59,555,379	611,975	1.0%	1,623	16	1.0%
	2000	59,633,843	679,071	1.1%	1,582	16	1.0%
	2001	59,633,843	855,697	1.4%	1,536	18	1.2%
	2002	59,635,055	844,015	1.4%	1,511	19	1.3%
	2003	59,556,591	509,705	0.9%	1,466	13	0.9%
	2004	59,556,591	577,063	1.0%	1,413	11	0.8%
	2005	59,552,039	757,893	1.3%	1,384	17	1.2%
	2006	59,552,039	704,506	1.2%	1,362	14	1.0%
	2007	59,552,039	1,444,549	2.4%	1,302	30	2.3%
	2008	59,552,039	1,723,432	2.9%	1,225	38	3.1%
	2009	59,552,039	1,825,561	3.1%	1,205	40	3.3%
	2010	59,552,039	2,362,843	4.0%	1,162	47	4.0%
	2011	59,552,039	2,397,134	4.0%	1,130	45	4.0%
	2012	59,536,185	1,795,999	3.0%	1,064	40	3.8%
	2013	59,536,185	2,102,062	3.5%	1,031	38	3.7%
	2014	59,477,396	2,131,015	3.6%	1,013	41	4.0%
	All Years	1,190,077,262	22,706,063	1.9%	28,490	491	1.7%
3A	1995	182,683,910	1,401,793	0.8%	2,764	12	0.4%
	1996	184,311,045	1,892,265	1.0%	2,541	25	1.0%
	1997	184,740,655	1,365,302	0.7%	2,343	19	0.8%
	1998	184,723,476	1,513,511	0.8%	2,247	14	0.6%
	1999	184,806,828	1,427,786	0.8%	2,156	13	0.6%
	2000	184,902,586	1,545,521	0.8%	2,098	13	0.6%
	2001	184,873,475	2,554,579	1.4%	2,049	12	0.6%
	2002	184,930,966	2,509,525	1.4%	2,017	13	0.6%
	2003	184,930,966	2,906,696	1.6%	1,964	13	0.7%
	2004	184,910,103	2,345,131	1.3%	1,897	12	0.6%

³⁵ This report uses the QS amounts shown in lease transactions on NMFS-RAM computerized files. In a few instances, these amounts appear to be in contradiction with respect to the actual amount of QS leased relative to the pounds of IFQ involved. For that reason, the QS lease rates shown herein may be slight overestimates even though they accurately reflect the data.

³⁶ Portions of the TAC in CDQ areas are devoted to CDQs. In Area 4E, the entire TAC for 1995-2014 was devoted to CDQs and there was no IFQ fishery. Thus, there was no reason to lease QS in Area 4E.

³⁷ Note that different formulations of a “QS holder lease rate” could be made. The number of persons who hold QS can change during a year. Over the 1995 through 2014 time period, there was a decline in the number of QS holders due to transfer and consolidation of QS holdings. Lease rates calculated with the number of year-end QS holders in the denominator will thus be higher than lease rates calculated with the number of year-beginning QS holders in the denominator.

Area	Year	Year-end QS	Leased QS	QS Lease Rate (%)	Year-end Persons	Unique Lessors	Lessor Rate (%)
3A Cont.	2005	184,911,315	2,059,648	1.1%	1,842	11	0.6%
	2006	184,911,315	1,346,530	0.7%	1,795	9	0.5%
	2007	184,911,315	1,441,098	0.8%	1,667	11	0.7%
	2008	184,911,315	3,272,584	1.8%	1,547	31	2.0%
	2009	184,911,315	4,741,942	2.6%	1,501	45	3.0%
	2010	184,911,315	4,376,667	2.4%	1,462	40	2.7%
	2011	184,911,315	4,433,598	2.4%	1,431	40	2.8%
	2012	184,894,204	6,162,646	3.3%	1,341	44	3.3%
	2013	184,893,008	6,219,636	3.4%	1,318	37	2.8%
	2014	184,893,008	6,623,486	3.6%	1,283	47	3.7%
	All Years	3,694,873,435	60,139,944	1.6%	37,263	461	1.2%
3B	1995	53,394,413	491,569	0.9%	957	5	0.5%
	1996	53,824,727	744,933	1.4%	838	13	1.6%
	1997	53,912,549	439,227	0.8%	715	9	1.3%
	1998	53,840,588	500,535	0.9%	669	7	1.0%
	1999	53,858,666	329,206	0.6%	630	5	0.8%
	2000	53,907,509	700,633	1.3%	609	7	1.1%
	2001	53,907,509	646,256	1.2%	586	6	1.0%
	2002	54,203,176	386,502	0.7%	577	4	0.7%
	2003	54,203,176	479,041	0.9%	577	6	1.0%
	2004	54,262,333	744,586	1.4%	557	5	0.9%
	2005	54,262,333	749,127	1.4%	546	6	1.1%
	2006	54,203,176	1,028,050	1.9%	526	9	1.7%
	2007	54,203,176	974,974	1.8%	519	9	1.7%
	2008	54,203,176	896,292	1.7%	495	11	2.2%
	2009	54,203,176	827,006	1.5%	493	13	2.6%
	2010	54,203,176	785,474	1.4%	489	13	2.7%
	2011	54,203,176	731,508	1.3%	494	12	2.4%
	2012	54,201,315	1,112,505	2.1%	477	17	3.6%
	2013	54,201,315	1,682,442	3.1%	477	20	4.2%
	2014	54,201,315	1,840,080	3.4%	466	21	4.5%
	All Years	1,081,399,980	16,089,946	1.5%	11,697	198	1.7%
4A	1995	14,276,912	228,184	1.6%	478	3	0.6%
	1996	14,421,900	163,133	1.1%	433	10	2.3%
	1997	14,502,965	144,378	1.0%	382	4	1.0%
	1998	14,503,009	186,537	1.3%	359	5	1.4%
	1999	14,503,996	185,803	1.3%	338	4	1.2%
	2000	14,503,996	109,728	0.8%	315	3	1.0%
	2001	14,503,996	152,332	1.1%	295	3	1.0%
	2002	14,503,996	143,642	1.0%	290	3	1.0%
	2003	14,587,099	77,907	0.5%	282	2	0.7%
	2004	14,587,099	182,193	1.2%	280	3	1.1%
	2005	14,587,099	106,214	0.7%	271	3	1.1%
	2006	14,587,099	78,066	0.5%	264	2	0.8%
	2007	14,587,099	77,513	0.5%	248	2	0.8%
	2008	14,587,099	245,241	1.7%	239	5	2.1%
	2009	14,587,099	503,590	3.5%	235	10	4.3%
	2010	14,587,099	275,448	1.9%	230	5	2.2%
	2011	14,587,099	447,664	3.1%	220	6	2.7%
	2012	14,586,011	643,943	4.4%	208	9	4.3%
	2013	14,586,011	851,766	5.8%	203	9	4.4%
	2014	14,586,011	509,377	3.5%	202	7	3.5%
	ALL YRS	290,762,694	5,312,659	1.8%	5,772	98	1.7%
4B	1995	9,022,264	224,317	2.5%	145	3	2.1%

Area	Year	Year-end QS	Leased QS	QS Lease Rate (%)	Year-end Persons	Unique Lessors	Lessor Rate (%)
4B Cont.	1996	9,281,377	0	0.0%	141	0	0.0%
	1997	9,284,774	0	0.0%	132	0	0.0%
	1998	9,284,774	0	0.0%	124	0	0.0%
	1999	9,284,774	0	0.0%	117	0	0.0%
	2000	9,284,774	93,319	1.0%	113	1	0.9%
	2001	9,284,774	47,534	0.5%	112	1	0.9%
	2002	9,284,774	46,930	0.5%	108	1	0.9%
	2003	9,284,774	46,401	0.5%	108	1	0.9%
	2004	9,284,774	0	0.0%	107	0	0.0%
	2005	9,293,391	43,410	0.5%	106	1	0.9%
	2006	9,284,774	47,536	0.5%	107	1	0.9%
	2007	9,284,774	0	0.0%	103	0	0.0%
	2008	9,284,774	0	0.0%	99	0	0.0%
	2009	9,284,774	81,496	0.9%	96	1	1.0%
	2010	9,284,774	0	0.0%	96	0	0.0%
	2011	9,284,774	80,384	0.9%	90	1	1.1%
	2012	9,284,774	295,961	3.2%	91	3	3.3%
	2013	9,284,774	317,903	3.4%	91	3	3.3%
	2014	9,284,774	711,641	7.7%	87	5	5.7%
	ALL YRS	185,438,190	2,036,832	1.1%	2,173	22	1.0%
4C	1995	3,969,186	0	0.0%	80	0	0.0%
	1996	3,969,186	0	0.0%	80	0	0.0%
	1997	3,969,186	0	0.0%	77	0	0.0%
	1998	3,969,186	0	0.0%	72	0	0.0%
	1999	3,969,186	174,832	4.4%	71	1	1.4%
	2000	3,969,186	174,831	4.4%	69	1	1.4%
	2001	3,969,186	174,831	4.4%	62	1	1.6%
	2002	3,969,186	0	0.0%	61	0	0.0%
	2003	4,016,352	0	0.0%	63	0	0.0%
	2004	4,016,352	0	0.0%	63	0	0.0%
	2005	4,016,352	0	0.0%	63	0	0.0%
	2006	4,016,352	0	0.0%	62	0	0.0%
	2007	4,016,352	322,658	8.0%	55	2	3.6%
	2008	4,016,352	365,711	9.1%	56	2	3.6%
	2009	4,016,352	370,726	9.2%	53	2	3.8%
	2010	4,016,352	380,023	9.5%	53	2	3.8%
	2011	4,016,352	382,777	9.5%	53	2	3.8%
	2012	4,016,352	367,729	9.2%	53	3	5.7%
	2013	4,016,352	377,752	9.4%	53	3	5.7%
	2014	4,016,352	249,746	6.2%	53	2	3.8%
	ALL YRS	79,949,712	3,341,616	4.2%	1,252	21	1.7%
4D	1995	4,685,996	0	0.0%	68	0	0.0%
	1996	4,790,491	0	0.0%	68	0	0.0%
	1997	4,790,491	390,361	8.1%	61	3	4.9%
	1998	4,746,318	268,572	5.7%	56	3	5.4%
	1999	4,825,103	0	0.0%	53	0	0.0%
	2000	4,869,276	0	0.0%	52	0	0.0%
	2001	4,869,276	0	0.0%	50	0	0.0%
	2002	4,869,276	0	0.0%	48	0	0.0%
	2003	4,958,250	0	0.0%	49	0	0.0%
	2004	4,958,250	0	0.0%	49	0	0.0%
	2005	4,958,250	0	0.0%	47	0	0.0%
	2006	4,958,250	0	0.0%	47	0	0.0%
	2007	4,958,250	0	0.0%	48	0	0.0%

Area	Year	Year-end QS	Leased QS	QS Lease Rate (%)	Year-end Persons	Unique Lessors	Lessor Rate (%)
4D Cont.	2008	4,958,250	0	0.0%	47	0	0.0%
	2009	4,958,250	0	0.0%	46	0	0.0%
	2010	4,958,250	0	0.0%	46	0	0.0%
	2011	4,958,250	0	0.0%	47	0	0.0%
	2012	4,958,250	194,773	3.9%	47	1	2.1%
	2013	4,958,250	212,359	4.3%	47	2	4.3%
	2014	4,958,250	194,770	3.9%	46	1	2.2%
	ALL YRS	97,945,227	1,260,835	1.3%	1,022	10	1.0%
4E	1995	139,999	0	0.0%	104	0	0.0%
	1996	139,999	0	0.0%	104	0	0.0%
	1997	139,999	0	0.0%	104	0	0.0%
	1998	139,999	0	0.0%	104	0	0.0%
	1999	139,999	0	0.0%	104	0	0.0%
	2000	139,999	0	0.0%	104	0	0.0%
	2001	139,999	0	0.0%	104	0	0.0%
	2002	139,999	0	0.0%	104	0	0.0%
	2003	139,999	0	0.0%	103	0	0.0%
	2004	139,999	0	0.0%	103	0	0.0%
	2005	139,999	0	0.0%	103	0	0.0%
	2006	139,999	0	0.0%	103	0	0.0%
	2007	139,999	0	0.0%	103	0	0.0%
	2008	139,999	0	0.0%	103	0	0.0%
	2009	139,999	0	0.0%	103	0	0.0%
	2010	139,999	0	0.0%	103	0	0.0%
	2011	139,999	84	0.1%	103	1	1.0%
	2012	139,592	0	0.0%	96	0	0.0%
	2013	139,592	0	0.0%	96	0	0.0%
	2014	139,592	0	0.0%	96	0	0.0%
	ALL YRS	2,798,759	84	0.0%	2,047	1	0.0%

4.2 Halibut QS and QS Holder Transfer and Lease Rates By Area and Vessel Category, 1995–2014

Tables 4-2a and 4-2b provide more detailed summaries on halibut QS and QS holder lease rates by area and vessel category for the years 1995 through 2014. For comparative purposes, QS and QS holder permanent transfer rates have also been included.

Leases and permanent transfers allow QS to move to persons who feel they can use it more profitably and allow consolidations of QS holdings and fishing operations either seasonally or permanently. These tables show high permanent QS transfer rates relative to QS lease rates in the first nineteen years of the program. Freezer category lease rates (unrestricted) were higher than for catcher vessel lease rates.

Table 4-2a provides data for each area, year, and vessel category. It also provides summary data over all nineteen years. The table includes the amount of QS at the end of each year, the amount of QS transferred within each year, and the amount of QS leased within each year. QS transfer rates and QS lease rates are calculated for each area, year, and vessel category. “All years rates” are also calculated for each area and vessel category. The methodology used to calculate these rates is the same as that described for Table 4-1.

The table indicates that freezer vessel lease and transfer rates differ sharply from catcher vessel lease and transfer rates. Leasing of halibut QS was largely confined to freezer vessels during 1995

– 2014. This is apparent from the relatively high freezer vessel QS lease rates shown in Table 4-2a. Recall that IFQ program rules place few rules on the leasing of freezer vessel QS.

For example, in the areas in which QS transactions occurred, the “All Years” non zero lease rates for freezer vessel QS ranged from 5.9% in Area 4B to 30.7% in Area 2C. In contrast, there was very little catcher vessel QS leased in any area; catcher vessel QS lease rates were less than 5.5% in all areas and vessel classes.

While catcher vessel QS lease rates were miniscule compared to freezer vessel QS lease rates, QS permanent transfer rates for catcher vessels were often higher than QS transfer rates for freezer vessels for many areas and catcher vessel classes except for a 3.6% rate in Area 4C in the 36-60 ft. category.

For example, during this nineteen year period, permanent transfer rates for freezer vessel QS were the lowest of all the vessel categories in Area 2C, 3A and 4A. In contrast, during all this time, permanent QS transfer rates for freezer vessels were the highest of all the vessel categories in Area 4C and in the middle range for 3B, 4B and 4D.

Table 4-2a. Halibut QS Transfer and Lease Rates, 1995-2014 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
2C	1995	Freezer	1,233,704	14,957	1.2%	166,656	13.5%
		GT 60 ft	2,900,705	454,014	15.7%	3,604	0.1%
		36 To 60 ft	45,222,555	8,021,093	17.7%	0	0.0%
		LE 35 ft	9,608,273	1,998,473	20.8%	0	0.0%
	1996	Freezer	1,243,061	170,327	13.7%	219,174	17.6%
		GT 60 ft	2,791,577	702,729	25.2%	0	0.0%
		36 To 60 ft	45,810,132	6,233,633	13.6%	47,208	0.1%
		LE 35 ft	9,180,797	1,863,632	20.3%	2,011	0.0%
	1997	Freezer	1,249,141	33,187	2.7%	295,907	23.7%
		GT 60 ft	2,709,684	373,203	13.8%	0	0.0%
		36 To 60 ft	46,498,798	4,489,620	9.7%	120,075	0.3%
		LE 35 ft	9,092,237	1,056,254	11.6%	9,983	0.1%
	1998	Freezer	1,249,141	31,432	2.5%	379,527	30.4%
		GT 60 ft	2,702,528	240,851	8.9%	0	0.0%
		36 To 60 ft	46,512,181	2,695,091	5.8%	129,415	0.3%
		LE 35 ft	9,087,407	634,917	7.0%	9,983	0.1%
	1999	Freezer	1,249,141	50,526	4.0%	379,527	30.4%
		GT 60 ft	2,678,909	188,220	7.0%	0	0.0%
		36 To 60 ft	46,544,193	4,352,697	9.4%	163,145	0.4%
		LE 35 ft	9,083,136	1,016,943	11.2%	14,165	0.2%
	2000	Freezer	1,249,141	410,578	32.9%	482,680	38.6%
		GT 60 ft	2,666,906	788,254	29.6%	0	0.0%
		36 To 60 ft	46,725,643	4,172,953	8.9%	190,201	0.4%
		LE 35 ft	8,992,153	921,444	10.2%	6,189	0.1%
	2001	Freezer	1,249,141	85,199	6.8%	672,157	53.8%
		GT 60 ft	2,666,906	974,052	36.5%	0	0.0%
		36 To 60 ft	46,725,643	3,287,359	7.0%	177,346	0.4%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
2C Cont.	2002	LE 35 ft	8,983,863	665,118	7.4%	6,194	0.1%
		Freezer	1,249,141	74,444	6.0%	615,279	49.3%
		GT 60 ft	2,666,906	757,578	28.4%	0	0.0%
	2003	36 To 60 ft	46,725,643	3,361,459	7.2%	222,541	0.5%
		LE 35 ft	8,983,863	789,770	8.8%	6,195	0.1%
		Freezer	1,249,141	0	0.0%	355,657	28.5%
		GT 60 ft	2,666,906	595,744	22.3%	0	0.0%
		36 To 60 ft	46,657,330	3,329,604	7.1%	144,240	0.3%
	2004	LE 35 ft	8,983,214	933,379	10.4%	9,808	0.1%
		Freezer	1,249,141	0	0.0%	359,832	28.8%
		GT 60 ft	2,655,979	511,929	19.3%	0	0.0%
		36 To 60 ft	46,668,257	3,046,237	6.5%	125,631	0.3%
		LE 35 ft	8,983,214	861,340	9.6%	94,503	1.1%
	2005	Freezer	1,249,141	13,353	1.1%	422,023	33.8%
		GT 60 ft	2,653,410	492,437	18.6%	31,233	1.2%
		36 To 60 ft	46,666,634	3,822,114	8.2%	197,904	0.4%
		LE 35 ft	8,982,854	582,286	6.5%	106,733	1.2%
	2006	Freezer	1,249,141	58,757	4.7%	325,992	26.1%
		GT 60 ft	2,653,410	412,249	15.5%	31,266	1.2%
		36 To 60 ft	46,670,959	3,137,824	6.7%	222,266	0.5%
		LE 35 ft	8,978,529	296,077	3.3%	124,982	1.4%
	2007	Freezer	1,249,141	132,860	10.6%	470,525	37.7%
		GT 60 ft	2,653,835	457,836	17.3%	31,267	1.2%
		36 To 60 ft	46,671,288	2,673,485	5.7%	813,534	1.7%
		LE 35 ft	8,977,775	810,350	9.0%	129,223	1.4%
	2008	Freezer	1,249,141	54,200	4.3%	352,786	28.2%
		GT 60 ft	2,654,762	752,459	28.3%	31,262	1.2%
		36 To 60 ft	46,671,063	2,433,329	5.2%	1,194,742	2.6%
		LE 35 ft	8,977,073	649,602	7.2%	144,641	1.6%
	2009	Freezer	1,249,141	132,861	10.6%	352,284	28.2%
		GT 60 ft	2,654,814	476,931	18.0%	44,178	1.7%
		36 To 60 ft	46,671,063	1,234,902	2.6%	1,156,073	2.5%
		LE 35 ft	8,977,021	420,212	4.7%	273,027	3.0%
	2010	Freezer	1,249,141	132,860	26.7%	333,493	26.7%
		GT 60 ft	2,654,814	124,250	1.7%	44,177	1.7%
		36 To 60 ft	46,677,536	2,688,703	3.6%	1,691,527	3.6%
		LE 35 ft	8,970,548	936,263	3.3%	293,647	3.3%
	2011	Freezer	1,249,141	0	26.6%	332,723	26.6%
		GT 60 ft	2,655,243	69,121	1.7%	44,013	1.7%
		36 To 60 ft	46,677,536	954,113	3.4%	1,590,729	3.4%
		LE 35 ft	8,970,119	279,009	4.8%	429,667	4.8%
	2012	Freezer	1,249,141	15,613	27.5%	343,625	27.5%
		GT 60 ft.	2,655,243	951	1.5%	38,786	1.5%
		36-60 ft.	46,677,536	1,741,953	2.5%	1,151,255	2.5%
		LE 35 ft.	8,954,265	479,578	2.9%	262,333	2.9%
	2013	Freezer	1,249,141	13,463	24.8%	309,994	24.8%
		GT 60 ft.	2,655,243	121,755	6.5%	173,032	6.5%
		36-60 ft.	46,677,536	2,239,594	2.6%	1,193,477	2.6%
		LE 35 ft.	8,954,265	605,484	4.8%	425,561	4.8%
	2014	Freezer	1,249,141	9,548	24.6%	306,747	24.6%
		GT 60 ft.	2,655,243	375,041	7.2%	192,455	7.2%
		36-60 ft.	46,677,536	2,167,856	2.7%	1,262,347	2.7%
		LE 35 ft.	8,895,476	646,175	4.2%	369,464	4.2%
	ALL	Freezer	24,961,303	1,434,165	30.0%	7,476,588	30.0%
	YEARS	GT 60 ft	53,653,023	8,869,604	1.2%	665,273	1.2%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
2C Cont.		36 To 60 ft	930,829,062	66,083,619	1.3%	11,793,656	1.3%
		LE 35 ft	180,616,082	16,446,306	1.5%	2,718,309	1.5%
3A	1995	Freezer	4,156,950	164,789	4.0%	1,239,915	29.8%
		GT 60 ft	67,514,777	10,588,079	15.7%	97,054	0.1%
		36 To 60 ft	97,630,610	14,700,637	15.1%	64,824	0.1%
		LE 35 ft	13,381,573	3,103,984	23.2%	0	0.0%
	1996	Freezer	4,736,344	210,053	4.4%	1,708,970	36.1%
		GT 60 ft	68,251,744	7,135,866	10.5%	60,440	0.1%
		36 To 60 ft	98,459,927	16,201,562	16.5%	122,855	0.1%
		LE 35 ft	12,863,030	3,079,310	23.9%	0	0.0%
	1997	Freezer	4,755,112	391,508	8.2%	803,536	16.9%
		GT 60 ft	68,298,684	6,583,233	9.6%	176,243	0.3%
		36 To 60 ft	98,862,582	9,942,793	10.1%	371,987	0.4%
		LE 35 ft	12,824,277	1,643,264	12.8%	13,536	0.1%
	1998	Freezer	4,755,112	471,833	9.9%	1,150,030	24.2%
		GT 60 ft	68,347,490	2,200,081	3.2%	0	0.0%
		36 To 60 ft	98,745,121	6,558,793	6.6%	307,147	0.3%
		LE 35 ft	12,875,753	2,144,277	16.7%	56,334	0.4%
	1999	Freezer	4,755,112	53,125	1.1%	1,110,304	23.3%
		GT 60 ft	68,482,506	5,107,481	7.5%	0	0.0%
		36 To 60 ft	98,803,343	8,738,332	8.8%	261,148	0.3%
		LE 35 ft	12,765,867	2,348,960	18.4%	56,334	0.4%
	2000	Freezer	4,773,918	7,618	0.2%	1,118,519	23.4%
		GT 60 ft	68,531,533	4,842,359	7.1%	144,007	0.2%
		36 To 60 ft	98,834,545	8,420,496	8.5%	240,194	0.2%
		LE 35 ft	12,762,590	833,864	6.5%	42,801	0.3%
	2001	Freezer	4,773,918	257,469	5.4%	1,084,168	22.7%
		GT 60 ft	68,536,307	4,109,271	6.0%	497,320	0.7%
		36 To 60 ft	98,821,205	7,336,036	7.4%	964,036	1.0%
		LE 35 ft	12,742,045	1,121,720	8.8%	9,055	0.1%
	2002	Freezer	4,773,918	11,828	0.2%	936,605	19.6%
		GT 60 ft	68,536,316	3,947,540	5.8%	497,312	0.7%
		36 To 60 ft	98,821,205	7,190,961	7.3%	1,028,135	1.0%
		LE 35 ft	12,742,045	1,864,332	14.6%	47,472	0.4%
	2003	Freezer	4,773,918	201,764	4.2%	914,754	19.2%
		GT 60 ft	68,538,320	3,560,299	5.2%	933,059	1.4%
		36 To 60 ft	98,878,687	5,650,829	5.7%	1,019,731	1.0%
		LE 35 ft	12,740,041	1,544,202	12.1%	39,152	0.3%
	2004	Freezer	4,773,918	115,745	2.4%	970,965	20.3%
		GT 60 ft	68,519,881	2,318,027	3.4%	1,220,968	1.8%
		36 To 60 ft	98,876,263	7,398,098	7.5%	104,922	0.1%
		LE 35 ft	12,740,041	1,237,187	9.7%	48,277	0.4%
	2005	Freezer	4,773,918	113,947	2.4%	821,443	17.2%
		GT 60 ft	68,519,881	1,300,603	1.9%	1,126,395	1.6%
		36 To 60 ft	98,878,681	869,634	0.9%	62,791	0.1%
		LE 35 ft	12,738,835	426,370	3.3%	49,019	0.4%
	2006	Freezer	4,773,918	8,406	0.2%	803,702	16.8%
		GT 60 ft	68,559,245	2,282,836	3.3%	375,138	0.5%
		36 To 60 ft	98,878,681	5,762,764	5.8%	157,821	0.2%
		LE 35 ft	12,699,471	789,109	6.2%	9,869	0.1%
	2007	Freezer	4,773,918	14,001	0.3%	764,201	16.0%
		GT 60 ft	68,560,803	3,663,192	5.3%	375,138	0.5%
		36 To 60 ft	98,878,681	6,247,536	6.3%	264,890	0.3%
		LE 35 ft	12,697,913	1,405,965	11.1%	36,869	0.3%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
3A Cont.	2008	Freezer	4,773,918	37,223	0.8%	764,707	16.0%
		GT 60 ft	68,567,490	2,803,480	4.1%	668,410	1.0%
		36 To 60 ft	98,878,681	4,743,246	4.8%	1,589,430	1.6%
		LE 35 ft	12,691,226	999,637	7.9%	250,036	2.0%
	2009	Freezer	4,773,918	74,524	1.6%	818,888	17.2%
		GT 60 ft	68,567,651	1,782,867	2.6%	602,584	0.9%
		36 To 60 ft	98,878,681	2,154,187	2.2%	2,798,105	2.8%
		LE 35 ft	12,691,065	352,209	2.8%	522,364	4.1%
	2010	Freezer	4,773,918	29,060	0.6%	785,832	16.5%
		GT 60 ft	68,567,651	1,500,363	2.2%	229,386	0.3%
		36 To 60 ft	98,878,681	3,927,858	4.0%	2,998,434	3.0%
		LE 35 ft	12,691,065	724,533	5.7%	363,015	2.9%
	2011	Freezer	4,773,918	474,202	9.9%	309,300	6.5%
		GT 60 ft	68,568,976	2,414,044	3.5%	318,095	0.5%
		36 To 60 ft	98,878,681	5,017,550	5.1%	3,320,707	3.4%
		LE 35 ft	12,689,740	525,153	4.1%	485,494	3.8%
	2012	Freezer	4,773,918	50,634	1.1%	359,940	7.5%
		GT 60 ft.	68,568,976	236,963	0.3%	1,142,623	1.7%
		36-60 ft.	98,876,488	2,723,514	2.8%	4,183,595	4.2%
		LE 35 ft.	12,674,822	775,691	6.1%	476,492	3.8%
	2013	Freezer	4,773,918	85,151	1.8%	280,010	5.9%
		GT 60 ft.	68,568,976	1,361,652	2.0%	838,487	1.2%
		36-60 ft.	98,876,488	3,242,354	3.3%	4,749,917	4.8%
		LE 35 ft.	12,673,626	513,129	4.0%	351,222	2.8%
	2014	Freezer	4,773,918	0	0.0%	280,053	5.9%
		GT 60 ft.	68,568,976	1,994,867	2.9%	1,098,633	1.6%
		36-60 ft.	98,876,488	5,924,332	6.0%	4,612,987	4.7%
		LE 35 ft.	12,673,626	834,611	6.6%	631,813	5.0%
	ALL YEARS	Freezer	94,767,400	2,772,880	2.9%	17,025,842	18.0%
		GT 60 ft	1,369,176,183	69,733,103	5.1%	10,401,292	0.8%
		36 To 60 ft	1,975,513,719	132,751,512	6.7%	29,223,656	1.5%
		LE 35 ft	255,358,651	26,267,507	10.3%	3,489,154	1.4%
3B	1995	Freezer	1,525,163	148,216	9.7%	491,569	32.2%
		GT 60 ft	29,676,351	3,443,909	11.6%	0	0.0%
		36 To 60 ft	20,234,235	3,380,783	16.7%	0	0.0%
		LE 35 ft	1,958,664	295,594	15.1%	0	0.0%
	1996	Freezer	1,587,671	166,975	10.5%	738,392	46.5%
		GT 60 ft	29,930,873	2,881,424	9.6%	6,541	0.0%
		36 To 60 ft	20,598,405	3,988,982	19.4%	0	0.0%
		LE 35 ft	1,707,778	538,765	31.5%	0	0.0%
	1997	Freezer	1,593,155	8,498	0.5%	340,434	21.4%
		GT 60 ft	29,952,504	3,317,731	11.1%	43,579	0.1%
		36 To 60 ft	20,668,535	3,338,394	16.2%	55,214	0.3%
		LE 35 ft	1,698,355	519,761	30.6%	0	0.0%
	1998	Freezer	1,593,155	2,766	0.2%	340,434	21.4%
		GT 60 ft	29,944,248	581,437	1.9%	0	0.0%
		36 To 60 ft	20,621,534	2,264,440	11.0%	160,101	0.8%
		LE 35 ft	1,681,651	228,718	13.6%	0	0.0%
	1999	Freezer	1,593,155	368,719	23.1%	241,097	15.1%
		GT 60 ft	29,979,847	3,296,916	11.0%	0	0.0%
		36 To 60 ft	20,621,534	2,434,427	11.8%	88,109	0.4%
		LE 35 ft	1,664,130	267,995	16.1%	0	0.0%
	2000	Freezer	1,593,155	0	0.0%	613,767	38.5%
		GT 60 ft	29,980,804	1,703,259	5.7%	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
3B	2001	36 To 60 ft	20,670,377	1,971,137	9.5%	86,866	0.4%
		LE 35 ft	1,663,173	264,918	15.9%	0	0.0%
		Freezer	1,593,155	352,418	22.1%	462,340	29.0%
		GT 60 ft	29,983,124	2,633,921	8.8%	0	0.0%
	2002	36 To 60 ft	20,670,377	1,234,278	6.0%	183,915	0.9%
		LE 35 ft	1,660,853	76,938	4.6%	0	0.0%
		Freezer	1,593,155	148,216	9.3%	202,582	12.7%
		GT 60 ft	29,983,124	1,925,030	6.4%	0	0.0%
	2003	36 To 60 ft	20,670,377	1,593,678	7.7%	183,920	0.9%
		LE 35 ft	1,660,853	204,307	12.3%	0	0.0%
		Freezer	1,593,155	171,006	10.7%	240,084	15.1%
		GT 60 ft	29,983,709	1,964,924	6.6%	55,041	0.2%
	2004	36 To 60 ft	20,966,044	2,626,343	12.5%	183,916	0.9%
		LE 35 ft	1,660,268	289,952	17.5%	0	0.0%
		Freezer	1,593,155	23,949	1.5%	304,347	19.1%
		GT 60 ft	30,042,866	650,552	2.2%	88,776	0.3%
	2005	36 To 60 ft	20,966,044	2,374,910	11.3%	351,463	1.7%
		LE 35 ft	1,660,268	132,598	8.0%	0	0.0%
		Freezer	1,593,155	0	0.0%	187,986	11.8%
		GT 60 ft	30,042,866	1,930,108	6.4%	88,775	0.3%
	2006	36 To 60 ft	20,966,072	2,169,508	10.3%	472,366	2.3%
		LE 35 ft	1,660,240	25,828	1.6%	0	0.0%
		Freezer	1,593,155	255,974	16.1%	246,972	15.5%
		GT 60 ft	29,987,611	1,638,977	5.5%	248,766	0.8%
	2007	36 To 60 ft	20,966,072	1,757,891	8.4%	532,312	2.5%
		LE 35 ft	1,656,338	143,212	8.6%	0	0.0%
		Freezer	1,593,155	56,113	3.5%	245,432	15.4%
		GT 60 ft	29,988,221	1,045,779	3.5%	330,524	1.1%
	2008	36 To 60 ft	20,966,072	2,400,601	11.4%	399,019	1.9%
		LE 35 ft	1,655,728	310,073	18.7%	0	0.0%
		Freezer	1,593,155	139,214	8.7%	139,214	8.7%
		GT 60 ft	29,989,929	285,290	1.0%	285,290	1.0%
	2009	36 To 60 ft	20,966,072	374,074	1.8%	374,074	1.8%
		LE 35 ft	1,654,020	97,716	5.9%	97,716	5.9%
		Freezer	1,593,155	139,214	8.7%	139,214	8.7%
		GT 60 ft	29,989,976	238,336	0.8%	238,336	0.8%
	2010	36 To 60 ft	20,966,072	349,732	1.7%	349,732	1.7%
		LE 35 ft	1,653,973	99,725	6.0%	99,725	6.0%
		Freezer	1,593,155	0	0.0%	139,215	8.7%
		GT 60 ft	29,989,976	405,232	1.4%	234,055	0.8%
	2011	36 To 60 ft	20,966,072	1,268,641	6.1%	315,678	1.5%
		LE 35 ft	1,653,973	103,251	6.2%	96,526	5.8%
		Freezer	1,593,155	114,159	7.2%	25,052	1.6%
		GT 60 ft	29,990,363	1,428,630	4.8%	119,745	0.4%
	2012	36 To 60 ft	20,966,072	1,134,448	5.4%	466,806	2.2%
		LE 35 ft	1,653,586	90,121	5.5%	119,905	7.3%
		Freezer	1,593,155	0	0.0%	257,525	16.2%
		GT 60 ft.	29,989,523	552,515	1.8%	242,524	0.8%
	2013	36-60 ft.	20,966,072	1,094,819	5.2%	533,481	2.5%
		LE 35 ft.	1,652,565	20,469	1.2%	78,974	4.8%
		Freezer	1,593,155	0	0.0%	25,045	1.6%
		GT 60 ft.	29,989,523	1,615,783	5.4%	475,406	1.6%
	2014	36-60 ft.	20,966,072	623,702	3.0%	1,046,180	5.0%
		LE 35 ft.	1,652,565	179,773	10.9%	135,810	8.2%
		Freezer	1,593,155	55,830	3.5%	257,534	16.2%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
3B Cont.	All Years	GT 60 ft.	29,989,523	1,383,835	4.6%	446,416	1.5%
		36-60 ft.	20,966,072	1,295,730	6.2%	999,121	4.8%
		LE 35 ft.	1,652,565	257,232	15.6%	137,010	8.3%
		Freezer	31,789,624	2,151,267	6.8%	5,638,235	17.7%
		GT 60 ft	599,404,961	32,923,588	5.5%	2,903,774	0.5%
		36 To 60 ft	416,348,182	37,676,518	9.0%	6,782,273	1.6%
		LE 35 ft	33,561,546	4,146,946	12.4%	765,666	2.3%
4A	1995	Freezer	588,884	58,866	10	228,184	38.7%
		GT 60 ft	8,350,730	587,903	7	0	0.0%
		36 To 60 ft	4,243,601	896,719	21.1	0	0.0%
		LE 35 ft	1,093,697	213,547	19.5	0	0.0%
	1996	Freezer	617,547	172,451	27.9	161,075	26.1%
		GT 60 ft	8,478,868	769,298	9.1	2,058	0.0%
		36 To 60 ft	4,267,424	905,293	21.2	0	0.0%
		LE 35 ft	1,058,061	222,851	21.1	0	0.0%
	1997	Freezer	619,003	2,590	0.4	144,378	23.3%
		GT 60 ft	8,532,238	1,694,690	19.9	0	0.0%
		36 To 60 ft	4,280,423	1,301,974	30.4	0	0.0%
		LE 35 ft	1,071,301	444,898	41.5	0	0.0%
	1998	Freezer	619,003	734	0.1	186,537	30.1%
		GT 60 ft	8,531,883	327,750	3.8	0	0.0%
		36 To 60 ft	4,287,490	372,816	8.7	0	0.0%
		LE 35 ft	1,064,633	204,543	19.2	0	0.0%
	1999	Freezer	619,003	114,681	18.5	185,803	30.0%
		GT 60 ft	8,540,086	659,578	7.2	0	0.0%
		36 To 60 ft	4,287,490	294,764	6.9	0	0.0%
		LE 35 ft	1,057,417	196,226	18.6	0	0.0%
	2000	Freezer	619,003	63,098	10.2	109,728	17.7%
		GT 60 ft	8,544,724	2,159,073	25.4	0	0.0%
		36 To 60 ft	4,287,490	447,559	10.4	0	0.0%
		LE 35 ft	1,052,779	195,842	19.1	0	0.0%
	2001	Freezer	619,003	81,342	13.1	152,332	24.6%
		GT 60 ft	8,545,892	752,695	8.8	0	0.0%
		36 To 60 ft	4,287,490	619,490	14.4	0	0.0%
		LE 35 ft	1,051,611	159,949	15.2	0	0.0%
	2002	Freezer	619,003	0	0	143,642	23.2%
		GT 60 ft	8,545,942	1,129,957	13.2	0	0.0%
		36 To 60 ft	4,287,490	383,160	8.9	0	0.0%
		LE 35 ft	1,051,357	272,307	25.6	0	0.0%
	2003	Freezer	619,003	0	0	77,907	12.6%
		GT 60 ft	8,546,354	741,847	8.7	0	0.0%
		36 To 60 ft	4,370,593	481,503	11	0	0.0%
		LE 35 ft	1,050,945	274,064	26.1	0	0.0%
	2004	Freezer	619,003	696	0.1	80,549	13.0%
		GT 60 ft	8,546,354	831,512	9.7	0	0.0%
		36 To 60 ft	4,370,593	1,072,241	24.5	101,644	2.3%
		LE 35 ft	1,050,945	283,535	27	0	0.0%
	2005	Freezer	619,003	113,947	18.4	79,385	12.8%
		GT 60 ft	8,546,652	1,300,603	15.2	0	0.0%
		36 To 60 ft	4,370,615	869,634	19.9	0	0.0%
		LE 35 ft	1,050,625	426,370	40.6	26,829	2.6%
	2006	Freezer	619,003	0	0	78,066	12.6%
		GT 60 ft	8,547,737	770,077	10.8	0	0.0%
		36 To 60 ft	4,370,615	881,040	65.4	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4A Cont.	2007	LE 35 ft	1,049,744	226,858	84.3	0	0.0%
		Freezer	619,003	6,699	1.1	77,513	12.5%
		GT 60 ft	8,547,937	2,109,051	24.7	0	0.0%
	2008	36 To 60 ft	4,370,615	1,017,297	23.3	0	0.0%
		LE 35 ft	1,049,544	478,470	45.6	0	0.0%
		Freezer	619,003	0	0	51,441	8.3%
	2009	GT 60 ft	8,548,105	918,963	10.8	0	0.0%
		36 To 60 ft	4,370,615	710,588	16.3	165,648	3.8%
		LE 35 ft	1,049,376	193,725	18.5	28,153	2.7%
	2010	Freezer	619,003	32,619	5.3	51,444	8.3%
		GT 60 ft	8,548,117	53,942	0.6	32,160	0.4%
		36 To 60 ft	4,370,615	100,347	2.3	296,746	6.8%
	2011	LE 35 ft	1,049,364	0	0	123,240	11.7%
		Freezer	619,003	0	0.0%	51,443	8.3%
		GT 60 ft	8,548,117	992,331	11.6%	64,033	0.7%
	2012	36 To 60 ft	4,370,615	281,562	6.4%	80,918	1.9%
		LE 35 ft	1,049,364	152,512	14.5%	79,053	7.5%
		Freezer	619,003	51,471	8.3%	0	0.0%
	2013	GT 60 ft	8,548,606	660,922	7.7%	237,974	2.8%
		36 To 60 ft	4,370,615	502,266	11.5%	102,145	2.3%
		LE 35 ft	1,048,875	72,940	7.0%	107,544	10.3%
	2014	Freezer	619,003	30	0.0%	44,953	7.3%
		GT 60 ft.	8,548,606	398,933	4.7%	261,227	3.1%
		36-60 ft.	4,370,615	586,223	13.4%	151,399	3.5%
	All Years	LE 35 ft.	1,047,787	9,154	0.9%	186,364	17.8%
		Freezer	619,003	0	0.0%	0	0.0%
		GT 60 ft.	8,548,615	206,783	2.4%	456,396	5.3%
	2015	36-60 ft.	4,370,615	115,066	2.6%	218,105	5.0%
		LE 35 ft.	1,047,778	87,722	8.4%	177,264	16.9%
		Freezer	619,003	334	0.1%	44,959	7.3%
	2016	GT 60 ft.	8,548,615	273,460	3.2%	281,063	3.3%
		36-60 ft.	4,370,615	106,936	2.4%	150,235	3.4%
		LE 35 ft.	1,047,778	52,283	5.0%	33,119	3.2%
	2017	Freezer	12,348,485	699,558	5.7%	1,949,339	15.8%
		GT 60 ft	170,644,178	17,339,368	10.2%	1,334,911	0.8%
		36 To 60 ft	86,676,234	11,946,478	13.8%	1,266,840	1.5%
	2018	LE 35 ft	21,092,981	4,167,796	19.8%	761,566	3.6%
		Freezer					
		GT 60 ft					
4B	1995	Freezer	322,852	0	0	175,269	54.3%
		GT 60 ft	7,100,366	259,872	3.7	49,048	0.7%
		36 To 60 ft	1,333,447	149,126	11.2	0	0.0%
	1996	LE 35 ft	265,599	0	0	0	0.0%
		Freezer	553,489	0	0	0	0.0%
		GT 60 ft	7,114,526	317,384	4.5	0	0.0%
	1997	36 To 60 ft	1,347,763	98,981	7.3	0	0.0%
		LE 35 ft	265,599	16,079	6.1	0	0.0%
		Freezer	553,489	312,602	56.5	0	0.0%
	1998	GT 60 ft	7,114,526	1,216,374	17.1	0	0.0%
		36 To 60 ft	1,347,763	260,065	19.3	0	0.0%
		LE 35 ft	268,996	10,503	3.9	0	0.0%
	1999	Freezer	553,489	105,248	19	0	0.0%
		GT 60 ft	7,114,526	350,032	4.9	0	0.0%
		36 To 60 ft	1,347,763	112,451	8.3	0	0.0%
	2000	LE 35 ft	268,996	12,110	4.5	0	0.0%
		Freezer	553,489	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4B Cont.	2000	GT 60 ft	7,114,526	875,249	12.3	0	0.0%
		36 To 60 ft	1,347,763	145,873	10.8	0	0.0%
		LE 35 ft	268,996	90,014	33.5	0	0.0%
		Freezer	553,489	105,831	19.1	93,319	16.9%
	2001	GT 60 ft	7,114,526	1,362,569	19.2	0	0.0%
		36 To 60 ft	1,347,763	336,885	25	0	0.0%
		LE 35 ft	268,996	109,622	40.8	0	0.0%
		Freezer	553,489	0	0	47,534	8.6%
	2002	GT 60 ft	7,114,526	926,376	13	0	0.0%
		36 To 60 ft	1,347,763	238,235	17.7	0	0.0%
		LE 35 ft	268,996	180,035	66.9	0	0.0%
		Freezer	553,489	0	0	46,930	8.5%
	2003	GT 60 ft	7,114,526	577,089	8	0	0.0%
		36 To 60 ft	1,347,763	52,405	3.9	0	0.0%
		LE 35 ft	268,996	44,267	16.5	0	0.0%
		Freezer	553,489	0	0	46,401	8.4%
	2004	GT 60 ft	7,114,526	59,573	14.5	0	0.0%
		36 To 60 ft	1,347,763	1,029,641	22.2	0	0.0%
		LE 35 ft	268,996	298,993	0	0	0.0%
		Freezer	553,489	0	0	0	0.0%
	2005	GT 60 ft	7,114,526	1,194,758	16.8	0	0.0%
		36 To 60 ft	1,347,763	91,493	6.8	0	0.0%
		LE 35 ft	268,996	0	0	0	0.0%
		Freezer	553,489	0	0	43,410	7.8%
	2006	GT 60 ft	7,114,526	635,373	8.9	0	0.0%
		36 To 60 ft	1,347,763	114,641	8.5	0	0.0%
		LE 35 ft	268,996	0	0	0	0.0%
		Freezer	553,489	255,974	46.2	47,536	8.6%
	2007	GT 60 ft	7,114,526	1,638,977	23	0	0.0%
		36 To 60 ft	1,347,763	1,757,891	130.4	0	0.0%
		LE 35 ft	268,996	143,212	53.2	0	0.0%
		Freezer	553,489	31,563	5.7	0	0.0%
	2008	GT 60 ft	7,114,526	939,675	13.2	0	0.0%
		36 To 60 ft	1,347,763	196,164	14.6	0	0.0%
		LE 35 ft	268,996	11,116	4.1	0	0.0%
		Freezer	553,489	31,563	5.7	0	0.0%
	2009	GT 60 ft	7,114,526	924,101	13	0	0.0%
		36 To 60 ft	1,347,763	139,293	10.3	0	0.0%
		LE 35 ft	268,996	61,994	23	0	0.0%
		Freezer	553,489	0	0	0	0.0%
	2010	GT 60 ft	7,114,526	762,922	10.7	0	0.0%
		36 To 60 ft	1,347,763	390,186	29	81,496	6.0%
		LE 35 ft	268,996	0	0	0	0.0%
		Freezer	553,489	0	0.0%	0	0.0%
	2011	GT 60 ft	7,114,526	480,889	6.8%	40,525	0.6%
		36 To 60 ft	1,347,763	53,285	4.0%	39,859	3.0%
		LE 35 ft	268,996	0	0.0%	0	0.0%
		Freezer	553,489	31,563	5.7%	0	0.0%
	2012	GT 60 ft	7,114,526	919,268	12.9%	40,525	0.6%
		36 To 60 ft	1,347,763	401,634	29.8%	39,859	3.0%
		LE 35 ft	268,996	0	0.0%	0	0.0%
		Freezer	553,489	31,563	5.7%	41,487	7.5%
		GT 60 ft.	7,114,526	393,209	5.5%	174,318	2.5%
		36-60 ft.	1,347,763	191,214	14.2%	80,155	5.9%
		LE 35 ft.	268,996	29,393	10.9%	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4B Cont.	2013	Freezer	553,489	0	0.0%		0.0%
		GT 60 ft.	7,114,526	260,405	3.7%	197,891	2.8%
		36-60 ft.	1,347,763	143,635	10.7%	120,012	8.9%
		LE 35 ft.	268,996	0	0.0%		0.0%
	2014	Freezer	553,489		0.0%		0.0%
		GT 60 ft.	7,114,526	802,132	11.3%	408,643	5.7%
		36-60 ft.	1,347,763	360,552	26.8%	277,414	20.6%
		LE 35 ft.	268,996	20,567	7.6%	25,584	9.5%
	All Years	Freezer	10,839,143	905,907	8.4%	541,886	5.0%
		GT 60 ft	142,276,360	14,896,227	10.5%	910,950	0.6%
		36 To 60 ft	26,940,944	6,263,650	23.2%	638,795	2.4%
		LE 35 ft	5,373,126	1,027,905	19.1%	25,584	0.5%
4C	1995	Freezer	18,876	37,752	200.0%	0	0.0%
		GT 60 ft	1,767,422	0	0	0	0.0%
		36 To 60 ft	1,007,084	67,578	6.7	0	0.0%
		LE 35 ft	1,175,804	0	0	0	0.0%
	1996	Freezer	18,876	37,752	200	0	0.0%
		GT 60 ft	1,620,607	0	0	0	0.0%
		36 To 60 ft	820,661	0	0	0	0.0%
		LE 35 ft	1,509,042	576,694	38.2	0	0.0%
	1997	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	264,166	16.3	0	0.0%
		36 To 60 ft	820,661	115,897	14.1	0	0.0%
		LE 35 ft	1,509,042	0	0	0	0.0%
	1998	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	1 06,938	6.6	0	0.0%
		36 To 60 ft	820,661	92,984	11.3	0	0.0%
		LE 35 ft	1,509,042	13,713	0.9	0	0.0%
	1999	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	13,128	0.8	0	0.0%
		36 To 60 ft	820,661	206,836	25.2	174,832	21.3%
		LE 35 ft	1,509,042	0	0	0	0.0%
	2000	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	29,810	1.8	0	0.0%
		36 To 60 ft	820,661	38,813	4.7	174,831	21.3%
		LE 35 ft	1,509,042	154,118	10.2	0	0.0%
	2001	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	408,597	25.2	0	0.0%
		36 To 60 ft	820,661	287,706	35.1	174,831	21.3%
		LE 35 ft	1,509,042	24,275	1.6	0	0.0%
	2002	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	0	0	0	0.0%
		36 To 60 ft	820,661	0	0	0	0.0%
		LE 35 ft	1,509,042	0	0	0	0.0%
	2003	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	128,008	7.9	0	0.0%
		36 To 60 ft	867,827	335,040	38.6	0	0.0%
		LE 35 ft	1,509,042	0	0	0	0.0%
	2004	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	64,996	4	0	0.0%
		36 To 60 ft	867,827	314,276	36.2	0	0.0%
		LE 35 ft	1,509,042	0	0	0	0.0%
	2005	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	141,389	8.7	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4C Cont.	2006	36 To 60 ft	867,827	146,628	16.9	0	0.0%
		LE 35 ft	1,509,042	135,459	9	0	0.0%
		Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	0	0	0	0.0%
		36 To 60 ft	867,827	0	0	0	0.0%
	2007	LE 35 ft	1,509,042	32,196	2.1%	0	0.0%
		Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	80,744	5	0	0.0%
		36 To 60 ft	867,827	151,422	17.4	0	0.0%
		LE 35 ft	1,509,042	171,673	11.4	322,658	21.4%
	2008	Freezer	18,876	0	0	0	0.0%
		GT 60 ft	1,620,607	207,934	12.8	0	0.0%
		36 To 60 ft	867,827	138,495	16	0	0.0%
		LE 35 ft	1,509,042	131,304	8.7	365,711	24.2%
		Freezer	18,876	0	0.0%	17,207	91.2%
	2009	GT 60 ft	1,620,607	81,777	5	0	0.0%
		36 To 60 ft	867,827	196,545	22.6	0	0.0%
		LE 35 ft	1,509,042	301,178	20	353,519	23.4%
		Freezer	18,876	0	0.0%	18,878	100.0%
		GT 60 ft	1,620,607	246,946	15.2%	0	0.0%
	2010	36 To 60 ft	867,827	73,669	8.5%	0	0.0%
		LE 35 ft	1,509,042	23,150	1.5%	361,145	23.9%
		Freezer	18,876	0	0.0%	17,064	90.4%
		GT 60 ft	1,620,607	428,271	26.4%	0	0.0%
		36 To 60 ft	867,827	29,267	3.4%	0	0.0%
	2011	LE 35 ft	1,509,042	97,170	6.4%	365,713	24.2%
		Freezer	18,876	0	0.0%		0.0%
		GT 60 ft	1,620,607	0	0.0%	33,665	2.1%
		36 To 60 ft	867,827	29,267	3.4%	29,269	3.4%
		LE 35 ft	1,509,042	0	0.0%	304,795	20.2%
	2012	Freezer	18,876	0	0.0%		0.0%
		GT 60 ft	1,620,909	18,618	1.1%	128,006	7.9%
		36 To 60 ft	867,827	29,557	3.4%	29,269	3.4%
		LE 35 ft	1,508,740	236,946	15.7%	220,478	14.6%
		Freezer	18,876	0	0.0%		0.0%
	2013	GT 60 ft.	1,620,909	0	0.0%		0.0%
		36-60 ft.	867,827	237,124	27.3%	29,271	3.4%
		LE 35 ft.	1,508,740	29,315	1.9%	220,475	14.6%
		Freezer	377,520	75,504	20.0%	53,149	14.1%
		GT 60 ft	32,559,559	0	0.0%	161,671	0.5%
	All Years	36 To 60 ft	17,165,635	2,491,104	14.5%	612,303	3.6%
		LE 35 ft	29,846,998	1,927,191	6.5%	2,514,494	8.4%
4D	1995	Freezer	355,318	0	0	0	0.0%
		GT 60 ft	3,975,433	69,848	1.8	0	0.0%
		36 To 60 ft	355,245	39,715	11.2	0	0.0%
	1996	Freezer	413,936	154,426	37.3	0	0.0%
		GT 60 ft	4,021,310	283,742	7.1	0	0.0%
		36 To 60 ft	355,245	0	0	0	0.0%
	1997	Freezer	413,936	145,364	35.1	390,361	94.3%
		GT 60 ft	4,021,310	846,912	21.1	0	0.0%
		36 To 60 ft	355,245	158,168	44.5	0	0.0%
	1998	Freezer	413,936	58,618	14.2	268,572	64.9%
		GT 60 ft	4,021,310	244,340	6.1	0	0.0%
		36 To 60 ft	311,072	20,214	6.5	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4C Cont.	1999	Freezer	413,936	58,618	14.2	0	0.0%
		GT 60 ft	4,100,095	281,832	6.9	0	0.0%
		36 To 60 ft	311,072	30,978	10	0	0.0%
	2000	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	603,324	14.7	0	0.0%
		36 To 60 ft	355,245	135,996	38.3	0	0.0%
	2001	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	521,466	12.7	0	0.0%
		36 To 60 ft	355,245	316,348	89.1	0	0.0%
	2002	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	726,969	17.7	0	0.0%
		36 To 60 ft	355,245	225,376	63.4	0	0.0%
	2003	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	482,782	11.8	0	0.0%
		36 To 60 ft	444,219	120,692	27.2	0	0.0%
	2004	Freezer	413,936	55,528	13.4	0	0.0%
		GT 60 ft	4,100,095	272,559	6.6	0	0.0%
		36 To 60 ft	444,219	0	0	0	0.0%
	2005	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	44,647	1.1	0	0.0%
		36 To 60 ft	444,219	60,511	13.6	0	0.0%
	2006	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	0	0	0	0.0%
		36 To 60 ft	444,219	0	0	0	0.0%
	2007	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	265,519	6.5	0	0.0%
		36 To 60 ft	444,219	209,674	47.2	0	0.0%
	2008	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	36,561	0.9	0	0.0%
		36 To 60 ft	444,219	22,866	5.1	0	0.0%
	2009	Freezer	413,936	0	0	0	0.0%
		GT 60 ft	4,100,095	20,628	0.5	0	0.0%
		36 To 60 ft	444,219	31,670	7.1	0	0.0%
	2010	Freezer	413,936	0	0.0%	0	0.0%
		GT 60 ft	4,100,095	248,692	6.1%	0	0.0%
		36 To 60 ft	444,219	163,707	36.9%	0	0.0%
	2011	Freezer	413,936	0	0.0%	0	0.0%
		GT 60 ft	4,100,095	885,471	21.6%	0	0.0%
		36 To 60 ft	444,219	44,173	9.9%	0	0.0%
	2012	Freezer	413,936	0	0.0%	0	0.0%
		GT 60 ft	4,100,095	77,785	1.9%	194,773	4.8%
		36 To 60 ft	444,219	0	0.0%	0	0.0%
	2013	Freezer	413,936	0	0.0%	0	0.0%
		GT 60 ft	4,100,095	310,545	7.6%	212,360	5.2%
		36 To 60 ft	444,219	0	0.0%	0	0.0%
	2014	Freezer	413,936	0	0.0%	0	0.0%
		GT 60 ft.	4,100,095	37,636	0.9%	194,770	4.8%
		36-60 ft.	444,219	108,271	24.4%	0	0.0%
	All Years	Freezer	8,220,102	472,554	5.7%	658,933	8.0%
		GT 60 ft	81,640,883	6,261,258	7.7%	601,903	0.7%
		36 To 60 ft	8,084,242	1,688,359	20.9%	0	0.0%
4E	1995	GT 60 ft	11,176	0	0	0	0.0%
		36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
	1996	GT 60 ft	11,176	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4E	1997	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	1998	36 To 60 ft	37,032	1,856	5	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	1999	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2000	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2001	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2002	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2003	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2004	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	698	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2005	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2006	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2007	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2008	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2009	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2010	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2011	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2012	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,791	0	0	0	0.0%
		GT 60 ft	11,176	0	0	0	0.0%
	2013	36 To 60 ft	37,032	0	0	0	0.0%
		LE 35 ft	91,384	0	0	0	0.0%
		GT 60 ft.	11,176	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Transferred QS	QS Transfer Rate (%)	Leased QS	QS Lease Rate (%)
4E	All Years	36-60 ft.	37,032	0	0	0	0.0%
		LE 35 ft.	91,384	0	0	0	0.0%
		GT 60 ft.	223,520	0	0	0	0.0%
		36-60 ft.	740,640	1,856	0.6	0	0.0%
		LE 35 ft.	1,835,006	698	0.1	0	0.0%

Table 4-2b provides similar data for QS holders by area and vessel category. Again, data are provided for 1995 – 2014. The table includes the number of QS holders at the end of each year, the number of QS holders with transfers each year, and the number of QS holders with leases within each year. QS holder transfer rates and QS holder (lessor) lease rates are calculated for each area, year, and vessel category. An “All Years” grouping sums data and provides QS holder lease rates (lessor rate) over all nineteen years. Data on permanent halibut QS transfers by QS holders are provided for comparative purposes.

Table 4-2 b. Halibut QS Transfer and Lease Rates, 1995-2014 by Area, Year, and Vessel Category

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing QS	QS Holders Lease Rate (%)
2C	1995	Freezer	30	2	7%	6	20.0%
		GT 60 ft	125	18	14%	1	0.8%
		36 To 60 ft	1,019	279	27%	0	0.0%
		LE 35 ft	984	152	15%	0	0.0%
	1996	Freezer	29	9	31%	7	24.1%
		GT 60 ft	102	32	31%	0	0.0%
		36 To 60 ft	954	247	26%	4	0.4%
		LE 35 ft	871	158	18%	1	0.1%
	1997	Freezer	29	5	17%	9	31.0%
		GT 60 ft	91	16	18%	0	0.0%
		36 To 60 ft	873	180	21%	4	0.5%
		LE 35 ft	793	122	15%	2	0.3%
	1998	Freezer	29	2	7%	10	34.5%
		GT 60 ft	83	13	16%	0	0.0%
		36 To 60 ft	855	95	11%	2	0.2%
		LE 35 ft	758	56	7%	2	0.3%
	1999	Freezer	29	3	10%	12	41.4%
		GT 60 ft	80	8	10%	0	0.0%
		36 To 60 ft	837	104	12%	3	0.4%
		LE 35 ft	721	73	10%	2	0.3%
	2000	Freezer	28	6	21%	12	42.9%
		GT 60 ft	79	15	19%	0	0.0%
		36 To 60 ft	822	96	12%	3	0.4%
		LE 35 ft	696	57	8%	1	0.1%
	2001	Freezer	28	2	7%	14	50.0%
		GT 60 ft	76	15	20%	0	0.0%
		36 To 60 ft	803	92	11%	3	0.4%
		LE 35 ft	674	45	7%	1	0.1%
	2002	Freezer	28	1	4%	14	50.0%
		GT 60 ft	77	10	13%	0	0.0%
		36 To 60 ft	791	70	9%	4	0.5%
		LE 35 ft	665	50	8%	1	0.2%
	2003	Freezer	28	0	0%	10	35.7%
		GT 60 ft	74	12	16%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
2C Cont.	2003	36 To 60 ft	783	90	11%	2	0.3%
		LE 35 ft	640	61	10%	1	0.2%
	2004	Freezer	28	0	0%	8	28.6%
		GT 60 ft	71	6	8%	0	0.0%
		36 To 60 ft	758	85	11%	1	0.1%
		LE 35 ft	610	63	10%	2	0.3%
	2005	Freezer	28	1	4%	10	35.7%
		GT 60 ft	70	7	10%	1	1.4%
		36 To 60 ft	755	83	11%	4	0.5%
		LE 35 ft	579	43	7%	3	0.5%
	2006	Freezer	28	2	7%	8	28.6%
		GT 60 ft	70	6	9%	1	1.4%
		36 To 60 ft	747	86	12%	4	0.5%
		LE 35 ft	561	34	6%	2	0.4%
	2007	Freezer	28	1	4%	12	42.9%
		GT 60 ft	71	8	11%	1	1.4%
		36 To 60 ft	724	76	10%	15	2.1%
		LE 35 ft	537	53	10%	3	0.6%
	2008	Freezer	29	2	7%	10	34.5%
		GT 60 ft	70	20	29%	1	1.4%
		36 To 60 ft	697	54	8%	22	3.2%
		LE 35 ft	490	64	13%	7	1.4%
	2009	Freezer	29	1	3%	9	31.0%
		GT 60 ft	70	7	10%	2	2.9%
		36 To 60 ft	690	29	4%	23	3.3%
		LE 35 ft	479	19	4%	10	2.1%
	2010	Freezer	29	1	3%	10	34.5%
		GT 60 ft	71	5	7%	2	2.8%
		36 To 60 ft	673	59	9%	26	3.9%
		LE 35 ft	453	53	12%	13	2.9%
	2011	Freezer	29	0	0%	10	34.5%
		GT 60 ft	70	7	10%	3	4.3%
		36 To 60 ft	668	22	3%	25	3.7%
		LE 35 ft	430	30	7%	11	2.6%
	2012	Freezer	29	2	7%	11	37.9%
		GT 60 ft.	70	3	4%	2	2.9%
		36-60 ft.	668	40	6%	21	3.1%
		LE 35 ft.	430	35	8%	9	2.1%
	2013	Freezer	29	1	3%	8	27.6%
		GT 60 ft.	70	5	7%	3	4.3%
		36-60 ft.	668	48	7%	19	2.8%
		LE 35 ft.	430	24	6%	9	2.1%
	2014	Freezer	27	2	7%	8	29.6%
		GT 60 ft.	66	6	9%	5	7.6%
		36-60 ft.	632	43	7%	24	3.8%
		LE 35 ft.	355	25	7%	7	2.0%
	All	Freezer	571	43	8%	198	34.7%
		GT 60 ft	1,556	219	14%	22	1.4%
		36 To 60 ft	15,417	1,878	12%	209	1.4%
		LE 35 ft	12,156	1,217	10%	87	0.7%
3A	1995	Freezer	37	2	5%	7	18.9%
		GT 60 ft	274	82	30%	2	0.7%
		36 To 60 ft	1,349	284	21%	3	0.2%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
3A Cont.	1996	LE 35 ft	1,163	161	14%	0	0.0%
		Freezer	38	5	13%	8	21.1%
		GT 60 ft	281	72	26%	11	3.9%
	1997	36 To 60 ft	1,248	316	25%	6	0.5%
		LE 35 ft	1,062	145	14%	0	0.0%
		Freezer	38	7	18%	6	15.8%
		GT 60 ft	277	52	19%	6	2.2%
		36 To 60 ft	1,151	243	21%	7	0.6%
	1998	LE 35 ft	972	146	15%	1	0.1%
		Freezer	37	3	8%	7	18.9%
		GT 60 ft	277	40	14%	0	0.0%
		36 To 60 ft	1,111	128	12%	5	0.5%
		LE 35 ft	923	76	8%	2	0.2%
	1999	Freezer	37	2	5%	7	18.9%
		GT 60 ft	277	39	14%	0	0.0%
		36 To 60 ft	1,083	149	14%	4	0.4%
		LE 35 ft	874	71	8%	2	0.2%
		Freezer	38	2	5%	7	18.4%
	2000	GT 60 ft	278	27	10%	1	0.4%
		36 To 60 ft	1,051	113	11%	4	0.4%
		LE 35 ft	843	49	6%	1	0.1%
		Freezer	37	1	3%	7	18.9%
		GT 60 ft	281	25	9%	2	0.7%
	2001	36 To 60 ft	1,031	118	11%	3	0.3%
		LE 35 ft	812	52	6%	1	0.1%
		Freezer	36	2	6%	7	19.4%
		36 To 60 ft	1,007	120	12%	3	0.3%
		LE 35 ft	812	46	6%	2	0.2%
	2003	Freezer	36	4	11%	7	19.4%
		36 To 60 ft	987	113	11%	4	0.4%
		LE 35 ft	789	71	9%	1	0.1%
		Freezer	35	3	9%	6	17.1%
		GT 60 ft	280	25	9%	2	0.7%
	2004	36 To 60 ft	958	113	12%	2	0.2%
		LE 35 ft	727	78	11%	2	0.3%
		Freezer	36	2	6%	5	13.9%
		GT 60 ft	279	27	10%	2	0.7%
		36 To 60 ft	943	23	2%	2	0.2%
	2005	LE 35 ft	721	17	2%	2	0.3%
		Freezer	36	2	6%	5	13.9%
		GT 60 ft	282	27	10%	1	0.4%
		36 To 60 ft	925	135	15%	2	0.2%
		LE 35 ft	36	2	6%	5	13.9%
	2006	Freezer	35	2	6%	4	11.4%
		GT 60 ft	281	39	14%	1	0.4%
		36 To 60 ft	898	102	11%	5	0.6%
		LE 35 ft	601	121	20%	2	0.3%
		Freezer	36	2	6%	4	11.1%
	2007	GT 60 ft	281	35	12%	4	1.4%
		36 To 60 ft	858	89	10%	21	2.4%
		LE 35 ft	527	79	15%	6	1.1%
		Freezer	34	3	9%	5	14.7%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
3A Cont.	2010	GT 60 ft	277	18	6%	4	1.4%
		36 To 60 ft	844	36	4%	29	3.4%
		LE 35 ft	500	36	7%	12	2.4%
		Freezer	34	2	6%	5	14.7%
	2011	GT 60 ft	279	18	6%	3	1.1%
		36 To 60 ft	829	64	8%	29	3.5%
		LE 35 ft	482	40	8%	8	1.7%
		Freezer	34	1	3%	3	8.8%
	2012	GT 60 ft	276	27	10%	5	1.8%
		36 To 60 ft	814	56	7%	28	3.4%
		LE 35 ft	463	30	6%	9	1.9%
		Freezer	33	2	6%	5	15.2%
	2013	GT 60 ft.	274	8	3%	7	2.6%
		36-60 ft.	796	44	6%	30	3.8%
		LE 35 ft.	400	41	10%	10	2.5%
		Freezer	33	3	9%	2	6.1%
	2014	GT 60 ft.	273	9	3%	5	1.8%
		36-60 ft.	789	48	6%	30	3.8%
		LE 35 ft.	389	21	5%	6	1.5%
		Freezer	33		0%	2	6.1%
	All	GT 60 ft.	271	18	7%	5	1.8%
		36-60 ft.	775	65	8%	38	4.9%
		LE 35 ft.	374	29	8%	10	2.7%
		Freezer	713	50	7%	109	15.3%
		GT 60 ft	6,289	732	12%	66	1.0%
		36 To 60 ft	19,252	2,285	12%	254	1.3%
		LE 35 ft	12,694	1,269	10%	87	0.7%
3B	1995	Freezer	20	1	5.0%	5	25.0%
		GT 60 ft	195	58	29.7%	0	0.0%
		36 To 60 ft	511	81	15.9%	0	0.0%
		LE 35 ft	253	12	4.7%	0	0.0%
	1996	Freezer	18	7	38.9%	5	27.8%
		GT 60 ft	182	95	52.2%	8	4.4%
		36 To 60 ft	483	120	24.8%	0	0.0%
		LE 35 ft	188	28	14.9%	0	0.0%
	1997	Freezer	18	2	11.1%	5	27.8%
		GT 60 ft	178	42	23.6%	2	1.1%
		36 To 60 ft	394	151	38.3%	2	0.5%
		LE 35 ft	160	46	28.8%	0	0.0%
	1998	Freezer	18	1	5.6%	5	27.8%
		GT 60 ft	175	23	13.1%	0	0.0%
		36 To 60 ft	374	47	12.6%	2	0.5%
		LE 35 ft	139	17	12.2%	0	0.0%
	1999	Freezer	19	4	21.1%	3	15.8%
		GT 60 ft	180	34	18.9%	0	0.0%
		36 To 60 ft	346	52	15.0%	2	0.6%
		LE 35 ft	121	10	8.3%	0	0.0%
	2000	Freezer	19	0	0.0%	6	31.6%
		GT 60 ft	176	21	11.9%	0	0.0%
		36 To 60 ft	337	43	12.8%	1	0.3%
		LE 35 ft	116	8	6.9%	0	0.0%
	2001	Freezer	18	2	11.1%	5	27.8%
		GT 60 ft	176	25	14.2%	0	0.0%
		36 To 60 ft	327	42	12.8%	1	0.3%
		LE 35 ft	108	5	4.6%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
3B Cont.	2002	Freezer	18	1	5.6%	3	16.7%
		GT 60 ft	178	18	10.1%	0	0.0%
		36 To 60 ft	317	41	12.9%	1	0.3%
		LE 35 ft	106	8	7.5%	0	0.0%
	2003	Freezer	17	2	11.8%	3	17.6%
		GT 60 ft	180	19	10.6%	0	0.0%
		36 To 60 ft	316	46	14.6%	2	0.6%
		LE 35 ft	105	5	4.8%	0	0.0%
	2004	Freezer	17	1	5.9%	3	17.6%
		GT 60 ft	179	12	6.7%	1	0.6%
		36 To 60 ft	302	42	13.9%	2	0.7%
		LE 35 ft	102	7	6.9%	0	0.0%
	2005	Freezer	17	0	0.0%	3	17.6%
		GT 60 ft	177	14	7.9%	1	0.6%
		36 To 60 ft	298	36	12.1%	3	1.0%
		LE 35 ft	101	3	3.0%	0	0.0%
	2006	Freezer	17	2	11.8%	3	17.6%
		GT 60 ft	179	17	9.5%	3	1.7%
		36 To 60 ft	290	33	11.4%	5	1.7%
		LE 35 ft	93	9	9.7%	0	0.0%
	2007	Freezer	17	1	5.9%	3	17.6%
		GT 60 ft	179	19	10.6%	3	1.7%
		36 To 60 ft	290	32	11.0%	4	1.4%
		LE 35 ft	92	8	8.7%	0	0.0%
	2008	Freezer	17	0	0.0%	2	11.8%
		GT 60 ft	180	25	13.9%	3	1.7%
		36 To 60 ft	282	22	7.8%	5	1.8%
		LE 35 ft	76	6	7.9%	2	2.6%
	2009	Freezer	17	0	0.0%	2	11.8%
		GT 60 ft	180	8	4.4%	3	1.7%
		36 To 60 ft	283	12	4.2%	7	2.5%
		LE 35 ft	74	2	2.7%	3	4.1%
	2010	Freezer	17		0.0%	2	11.8%
		GT 60 ft	177	8	4.5%	4	2.3%
		36 To 60 ft	283	17	6.0%	6	2.1%
		LE 35 ft	73	4	5.5%	3	4.1%
	2011	Freezer	17	1	5.9%	1	5.9%
		GT 60 ft	184	13	7.1%	2	1.1%
		36 To 60 ft	283	13	4.6%	6	2.1%
		LE 35 ft	72	3	4.2%	4	5.6%
	2012	Freezer	17	0	0.0%	3	17.6%
		GT 60 ft.	184	3	1.6%	4	2.2%
		36-60 ft.	277	12	4.3%	9	3.2%
		LE 35 ft.	63	1	1.6%	3	4.8%
	2013	Freezer	17	0	0.0%	1	5.9%
		GT 60 ft.	184	9	4.9%	5	2.7%
		36-60 ft.	277	12	4.3%	13	4.7%
		LE 35 ft.	63	4	6.3%	4	6.3%
	2014	Freezer	17	1	5.9%	3	17.6%
		GT 60 ft.	180	12	6.7%	5	2.8%
		36-60 ft.	274	16	5.8%	13	4.7%
		LE 35 ft.	63	5	7.9%	4	6.3%
	ALL YEARS	Freezer	352	26	7.4%	66	18.8%
		GT 60 ft	3,603	463	12.9%	44	1.2%
		36 To 60 ft	6,544	854	13.1%	84	1.3%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
		LE 35 ft	2,168	186	8.6%	23	1.1%
4A	1995	Freezer	17	1	5.9%	3	17.6%
		GT 60 ft	136	40	29.4%	0	0.0%
		36 To 60 ft	135	28	20.7%	0	0.0%
		LE 35 ft	200	22	11.0%	0	0.0%
	1996	Freezer	17	3	17.6%	2	11.8%
		GT 60 ft	139	40	28.8%	8	5.8%
		36 To 60 ft	126	31	24.6%	0	0.0%
		LE 35 ft	168	15	8.9%	0	0.0%
	1997	Freezer	17	3	17.6%	4	23.5%
		GT 60 ft	130	33	25.4%	0	0.0%
		36 To 60 ft	107	57	53.3%	0	0.0%
		LE 35 ft	151	41	27.2%	0	0.0%
	1998	Freezer	17	1	5.9%	5	29.4%
		GT 60 ft	124	23	18.5%	0	0.0%
		36 To 60 ft	100	16	16.0%	0	0.0%
		LE 35 ft	138	9	6.5%	0	0.0%
	1999	Freezer	17	3	17.6%	4	23.5%
		GT 60 ft	117	30	25.6%	0	0.0%
		36 To 60 ft	98	13	13.3%	0	0.0%
		LE 35 ft	124	10	8.1%	0	0.0%
	2000	Freezer	17	1	5.9%	3	17.6%
		GT 60 ft	115	36	31.3%	0	0.0%
		36 To 60 ft	96	19	19.8%	0	0.0%
		LE 35 ft	112	10	8.9%	0	0.0%
	2001	Freezer	15	5	33.3%	3	20.0%
		GT 60 ft	111	21	18.9%	0	0.0%
		36 To 60 ft	90	19	21.1%	0	0.0%
		LE 35 ft	103	6	5.8%	0	0.0%
	2002	Freezer	15	0	0.0%	3	20.0%
		GT 60 ft	111	22	19.8%	0	0.0%
		36 To 60 ft	92	11	12.0%	0	0.0%
		LE 35 ft	99	11	11.1%	0	0.0%
	2003	Freezer	15	0	0.0%	2	13.3%
		GT 60 ft	109	17	15.6%	0	0.0%
		36 To 60 ft	92	17	18.5%	0	0.0%
		LE 35 ft	95	10	10.5%	0	0.0%
	2004	Freezer	14	1	7.1%	2	14.3%
		GT 60 ft	109	17	15.6%	0	0.0%
		36 To 60 ft	90	17	18.9%	1	1.1%
		LE 35 ft	95	9	9.5%	0	0.0%
	2005	Freezer	12	2	16.7%	2	16.7%
		GT 60 ft	107	23	21.5%	0	0.0%
		36 To 60 ft	91	19	20.9%	0	0.0%
		LE 35 ft	94	12	12.8%	1	1.1%
	2006	Freezer	12	0	0.0%	2	16.7%
		GT 60 ft	107	12	11.2%	0	0.0%
		36 To 60 ft	91	18	19.8%	0	0.0%
		LE 35 ft	89	7	7.9%	0	0.0%
	2007	Freezer	12	3	25.0%	2	16.7%
		GT 60 ft	100	34	34.0%	0	0.0%
		36 To 60 ft	89	15	16.9%	0	0.0%
		LE 35 ft	84	12	14.3%	0	0.0%
	2008	Freezer	12	0	0.0%	1	8.3%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
4A Cont.	2009	GT 60 ft	103	18	17.5%	0	0.0%
		36 To 60 ft	88	9	10.2%	3	3.4%
		LE 35 ft	76	6	7.9%	1	1.3%
		Freezer	13	2	15.4%	1	7.7%
		GT 60 ft	101	5	5.0%	2	2.0%
	2010	36 To 60 ft	88	3	3.4%	6	6.8%
		LE 35 ft	75	0	0.0%	3	4.0%
		Freezer	13		0.0%	1	7.7%
		GT 60 ft	100	10	10.0%	1	1.0%
		36 To 60 ft	89	8	9.0%	3	3.4%
	2011	LE 35 ft	72	7	9.7%	2	2.8%
		Freezer	13	2	15.4%	0	0.0%
		GT 60 ft	99	14	14.1%	2	2.0%
		36 To 60 ft	87	14	16.1%	3	3.4%
		LE 35 ft	67	3	4.5%	3	4.5%
	2012	Freezer	13	1	7.7%	1	7.7%
		GT 60 ft.	101	5	5.0%	3	3.0%
		36-60 ft.	87	10	11.5%	6	6.9%
		LE 35 ft.	55	1	1.8%	3	5.5%
		Freezer	13	0	0.0%	0	0.0%
	2013	GT 60 ft.	101	6	5.9%	5	5.0%
		36-60 ft.	84	6	7.1%	7	8.3%
		LE 35 ft.	54	2	3.7%	2	3.7%
		Freezer	13	1	7.7%	1	7.7%
		GT 60 ft.	102	8	7.8%	4	3.9%
	2014	36-60 ft.	83	4	4.8%	6	7.2%
		LE 35 ft.	53	2	3.8%	1	1.9%
		Freezer	287	29	10.1%	42	14.6%
		GT 60 ft	2,222	414	18.6%	25	1.1%
		36 To 60 ft	1,903	334	17.6%	35	1.8%
	ALL YEARS	LE 35 ft	2,004	195	9.7%	16	0.8%
4B	1995	Freezer	7	0	0.0%	2	28.6%
		GT 60 ft	78	8	10.3%	1	1.3%
		36 To 60 ft	34	5	14.7%	0	0.0%
		LE 35 ft	27	0	0.0%	0	0.0%
	1996	Freezer	8	0	0.0%	0	0.0%
		GT 60 ft	77	7	9.1%	0	0.0%
		36 To 60 ft	33	2	6.1%	0	0.0%
		LE 35 ft	26	3	11.5%	0	0.0%
	1997	Freezer	7	3	42.9%	0	0.0%
		GT 60 ft	72	19	26.4%	0	0.0%
		36 To 60 ft	29	9	31.0%	0	0.0%
		LE 35 ft	26	2	7.7%	0	0.0%
	1998	Freezer	7	1	14.3%	0	0.0%
		GT 60 ft	70	7	10.0%	0	0.0%
		36 To 60 ft	28	6	21.4%	0	0.0%
		LE 35 ft	25	1	4.0%	0	0.0%
	1999	Freezer	7	0	0.0%	0	0.0%
		GT 60 ft	69	11	15.9%	0	0.0%
		36 To 60 ft	29	4	13.8%	0	0.0%
		LE 35 ft	20	8	40.0%	0	0.0%
	2000	Freezer	7	3	42.9%	1	14.3%
		GT 60 ft	68	22	32.4%	0	0.0%
		36 To 60 ft	28	12	42.9%	0	0.0%
		LE 35 ft	19	6	31.6%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
4B Cont.	2001	Freezer	7	0	0.0%	1	14.3%
		GT 60 ft	71	11	15.5%	0	0.0%
		36 To 60 ft	31	6	19.4%	0	0.0%
		LE 35 ft	17	8	47.1%	0	0.0%
	2002	Freezer	7	0	0.0%	1	14.3%
		GT 60 ft	68	11	16.2%	0	0.0%
		36 To 60 ft	31	2	6.5%	0	0.0%
		LE 35 ft	16	2	12.5%	0	0.0%
	2003	Freezer	7	2	28.6%	1	14.3%
		GT 60 ft	68	16	23.5%	0	0.0%
		36 To 60 ft	32	9	28.1%	0	0.0%
		LE 35 ft	16	0	0.0%	0	0.0%
	2004	Freezer	7	0	0.0%	0	0.0%
		GT 60 ft	68	10	14.7%	0	0.0%
		36 To 60 ft	32	3	9.4%	0	0.0%
		LE 35 ft	16	0	0.0%	0	0.0%
	2005	Freezer	7	0	0.0%	1	14.3%
		GT 60 ft	66	8	12.1%	0	0.0%
		36 To 60 ft	32	3	9.4%	0	0.0%
		LE 35 ft	16	0	0.0%	0	0.0%
	2006	Freezer	7	2	28.6%	0	0.0%
		GT 60 ft	67	17	25.4%	0	0.0%
		36 To 60 ft	32	33	103.1%	0	0.0%
		LE 35 ft	16	9	56.3%	0	0.0%
	2007	Freezer	7	1	14.3%	0	0.0%
		GT 60 ft	66	9	13.6%	0	0.0%
		36 To 60 ft	31	6	19.4%	0	0.0%
		LE 35 ft	15	2	13.3%	0	0.0%
	2008	Freezer	7	1	14.3%	0	0.0%
		GT 60 ft	64	11	17.2%	0	0.0%
		36 To 60 ft	30	6	20.0%	0	0.0%
		LE 35 ft	12	6	50.0%	0	0.0%
	2009	Freezer	7	0	0.0%	0	0.0%
		GT 60 ft	63	6	9.5%	0	0.0%
		36 To 60 ft	28	10	35.7%	1	3.6%
		LE 35 ft	12	0	0.0%	0	0.0%
	2010	Freezer	7	0	0.0%	0	0.0%
		GT 60 ft	63	8	12.7%	0	0.0%
		36 To 60 ft	28	2	7.1%	1	3.6%
		LE 35 ft	12	0	0.0%	0	0.0%
	2011	Freezer	7	1	14.3%	0	0.0%
		GT 60 ft	58	13	22.4%	1	1.7%
		36 To 60 ft	28	8	28.6%	1	3.6%
		LE 35 ft	12	0	0.0%	0	0.0%
	2012	Freezer	7	1	14.3%	1	14.3%
		GT 60 ft.	58	5	8.6%	2	3.4%
		36-60 ft.	28	2	7.1%	1	3.6%
		LE 35 ft.	12	1	8.3%	0	0.0%
	2013	Freezer	7	0	0.0%	0	0.0%
		GT 60 ft.	58	6	10.3%	3	5.2%
		36-60 ft.	28	6	21.4%	2	7.1%
		LE 35 ft.	12	2	16.7%	0	0.0%
	2014	Freezer	7	1	14.3%	0	0.0%
		GT 60 ft.	56	8	14.3%	4	7.1%
		36-60 ft.	27	4	14.8%	2	7.4%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
	ALL YEARS	LE 35 ft.	11	2	18.2%	1	9.1%
		Freezer	141	15	10.6%	8	5.7%
		GT 60 ft	1,328	205	15.4%	7	0.5%
		36 To 60 ft	599	134	22.4%	6	1.0%
		LE 35 ft	338	50	14.8%	0	0.0%
4C	1995	Freezer	1	2	200.0%	0	0.0%
		GT 60 ft	29	0	0.0%	0	0.0%
		36 To 60 ft	20	1	5.0%	0	0.0%
		LE 35 ft	31	0	0.0%	0	0.0%
	1996	Freezer	1	2	200.0%	0	0.0%
		GT 60 ft	28	0	0.0%	0	0.0%
		36 To 60 ft	19	0	0.0%	0	0.0%
		LE 35 ft	33	4	12.1%	0	0.0%
	1997	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	28	6	21.4%	0	0.0%
		36 To 60 ft	18	3	16.7%	0	0.0%
		LE 35 ft	33	0	0.0%	0	0.0%
	1998	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	26	4	15.4%	0	0.0%
		36 To 60 ft	17	3	17.6%	0	0.0%
		LE 35 ft	32	1	3.1%	0	0.0%
	1999	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	26	1	3.8%	0	0.0%
		36 To 60 ft	17	2	11.8%	1	5.9%
		LE 35 ft	32	0	0.0%	0	0.0%
	2000	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	25	3	12.0%	0	0.0%
		36 To 60 ft	16	3	18.8%	1	6.3%
		LE 35 ft	33	3	9.1%	0	0.0%
	2001	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	24	7	29.2%	0	0.0%
		36 To 60 ft	12	5	41.7%	1	8.3%
		LE 35 ft	32	1	3.1%	0	0.0%
	2002	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	23	0	0.0%	0	0.0%
		36 To 60 ft	11	0	0.0%	0	0.0%
		LE 35 ft	32	0	0.0%	0	0.0%
	2003	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	23	1	4.3%	0	0.0%
		36 To 60 ft	14	3	21.4%	0	0.0%
		LE 35 ft	32	0	0.0%	0	0.0%
	2004	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	23	2	8.7%	0	0.0%
		36 To 60 ft	14	4	28.6%	0	0.0%
		LE 35 ft	32	0	0.0%	0	0.0%
	2005	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	23	3	13.0%	0	0.0%
		36 To 60 ft	14	2	14.3%	0	0.0%
		LE 35 ft	33	3	9.1%	0	0.0%
	2006	Freezer	1	0	0.0%	0	0.0%
		GT 60 ft	23	0	0.0%	0	0.0%
		36 To 60 ft	14	0	0.0%	0	0.0%
		LE 35 ft	32	1	3.1%	0	0.0%
	2007	Freezer	1	0	0.0%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
4C Cont.	2008	GT 60 ft	22	3	13.6%	0	0.0%
		36 To 60 ft	14	4	28.6%	0	0.0%
		LE 35 ft	30	4	13.3%	2	6.7%
		Freezer	1	0	0.0%	0	0.0%
	2009	GT 60 ft	22	0	0.0%	0	0.0%
		36 To 60 ft	14	0	0.0%	0	0.0%
		LE 35 ft	31	2	6.5%	0	0.0%
		Freezer	1	1	100.0%	0	0.0%
	2010	GT 60 ft	23	0	0.0%	0	0.0%
		36 To 60 ft	14	0	0.0%	0	0.0%
		LE 35 ft	30	2	6.7%	0	0.0%
		Freezer	1		0.0%	1	100.0%
	2011	GT 60 ft	22	3	13.6%	0	0.0%
		36 To 60 ft	13	2	15.4%	0	0.0%
		LE 35 ft	30	1	3.3%	2	6.7%
		Freezer	1		0.0%	1	100.0%
	2012	GT 60 ft	19	7	36.8%	0	0.0%
		36 To 60 ft	13	1	7.7%	0	0.0%
		LE 35 ft	30	6	20.0%	2	6.7%
		Freezer	1	0	0.0%	0	0.0%
	2013	GT 60 ft.	19	0	0.0%	1	5.3%
		36-60 ft.	13	1	7.7%	1	7.7%
		LE 35 ft.	30	0	0.0%	2	6.7%
		Freezer	1	0	0.0%	0	0.0%
	2014	GT 60 ft.	20	1	5.0%	1	5.0%
		36-60 ft.	13	1	7.7%	1	7.7%
		LE 35 ft.	30	3	10.0%	1	3.3%
		Freezer	1	0	0.0%	0	0.0%
	All YEARS	GT 60 ft.	20	0	0.0%	0	0.0%
		36-60 ft.	13	2	15.4%	1	7.7%
		LE 35 ft.	30	1	3.3%	1	3.3%
		Freezer	20	5	25.0%	2	10.0%
		GT 60 ft	468	41	8.8%	2	2.0%
		36 To 60 ft	293	37	12.6%	6	2.0%
		LE 35 ft	628	32	5.1%	10	1.6%
4D	1995	Freezer	5	0	0.0%	0	0.0%
		GT 60 ft	49	1	2.0%	0	0.0%
	1996	36 To 60 ft	14	1	7.1%	0	0.0%
		Freezer	6	1	16.7%	0	0.0%
	1997	GT 60 ft	49	4	8.2%	0	0.0%
		36 To 60 ft	14	0	0.0%	0	0.0%
	1998	Freezer	5	3	60.0%	3	60.0%
		GT 60 ft	47	13	27.7%	0	0.0%
	1999	36 To 60 ft	13	5	38.5%	0	0.0%
		Freezer	5	1	20.0%	3	60.0%
	2000	GT 60 ft	43	10	23.3%	0	0.0%
		36 To 60 ft	11	2	18.2%	0	0.0%
	2001	Freezer	4	1	25.0%	0	0.0%
		GT 60 ft	41	6	14.6%	0	0.0%
		36 To 60 ft	11	3	27.3%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
		GT 60 ft	42	10	23.8%	0	0.0%
		36 To 60 ft	9	5	55.6%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
4D Cont.	2002	GT 60 ft	41	9	22.0%	0	0.0%
		36 To 60 ft	9	5	55.6%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2003	GT 60 ft	40	10	25.0%	0	0.0%
		36 To 60 ft	10	4	40.0%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2004	GT 60 ft	40	8	20.0%	0	0.0%
		36 To 60 ft	11	2	18.2%	0	0.0%
		Freezer	4	1	25.0%	0	0.0%
	2005	GT 60 ft	40	2	5.0%	0	0.0%
		36 To 60 ft	11	0	0.0%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2006	GT 60 ft	39	2	5.1%	0	0.0%
		36 To 60 ft	11	2	18.2%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2007	GT 60 ft	39	0	0.0%	0	0.0%
		36 To 60 ft	11	0	0.0%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2008	GT 60 ft	39	5	12.8%	0	0.0%
		36 To 60 ft	12	4	33.3%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2009	GT 60 ft	38	2	5.3%	0	0.0%
		36 To 60 ft	12	2	16.7%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2010	GT 60 ft	38	1	2.6%	0	0.0%
		36 To 60 ft	11	2	18.2%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2011	GT 60 ft	39	5	12.8%	0	0.0%
		36 To 60 ft	11	2	18.2%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2012	GT 60 ft	38	10	26.3%	0	0.0%
		36 To 60 ft	11	1	9.1%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2013	GT 60 ft.	37	1	2.7%	1	2.7%
		36-60 ft.	11	0	0.0%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	2014	GT 60 ft.	37	3	8.1%	1	2.7%
		36-60 ft.	11	0	0.0%	0	0.0%
		Freezer	4	0	0.0%	0	0.0%
	ALL YEARS	GT 60 ft.	37	2	5.4%	1	2.7%
		36-60 ft.	10	3	30.0%	0	0.0%
		Freezer	85	7	8.2%	6	7.1%
		GT 60 ft	813	104	12.8%	0	0.0%
		36 To 60 ft	224	43	19.2%	0	0.0%
4E	1995	GT 60 ft	2	0	0.0%	0	0.0%
		36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
	1996	GT 60 ft	2	0	0.0%	0	0.0%
		36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
	1997	GT 60 ft	2	0	0.0%	0	0.0%
		36 To 60 ft	7	1	14.3%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
	1998	GT 60 ft	2	0	0.0%	0	0.0%

Area	Year	Vessel Category	Year-end QS Holders	Holders Transferring QS	QS Holders Transfer Rate (%)	Holders Leasing	QS Holders Lease Rate (%)
4E	1999	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2000	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2001	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2002	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2003	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	95	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2004	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	94	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2005	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	94	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2006	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	94	0	0.0%	0	0.0%
		GT 60 ft	2	0	0.0%	0	0.0%
	2007	36 To 60 ft	7	0	0.0%	0	0.0%
		LE 35 ft	94	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2008	GT 60 ft	7	0	0.0%	0	0.0%
		36 To 60 ft	94	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2009	GT 60 ft	7	0	0.0%	0	0.0%
		36 To 60 ft	94	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2010	GT 60 ft	7	0	0.0%	0	0.0%
		36 To 60 ft	94	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2011	GT 60 ft	7	0	0.0%	0	0.0%
		36 To 60 ft	94	1	1.1%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2012	GT 60 ft.	7	0	0.0%	0	0.0%
		36-60 ft.	87	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2013	GT 60 ft.	7	0	0.0%	0	0.0%
		36-60 ft.	87	0	0.0%	0	0.0%
		Freezer	2	0	0.0%	0	0.0%
	2014	GT 60 ft.	7	0	0.0%	0	0.0%
		36-60 ft.	87	0	0.0%	0	0.0%
		LE 35 ft.	87	0	0.0%	0	0.0%
	ALL YEARS	Freezer	38	0	0.0%	0	0.0%
		GT 60 ft.	133	1	0.8%	0	0.0%
		36-60 ft.	1,780	1	0.1%	0	0.0%

These data on QS holders with leases and transfers roughly parallel the data on QS leased and transferred. The number of catcher vessel QS holders who leased some QS in the first nineteen years of the program was small relative to the number of year-end QS holders. QS holder lease rates were highest among holders of freezer vessel QS in all areas in which leases occurred.

4.3 Lessors, Lessees, Leases, and Lease Rates

Table 4-3 provides additional details on lease transactions during 1995–2014. The table provides information on the number of lessors, lessees and leases. Note that these numbers may vary for a particular type of QS because a person could lease QS to more than one person. Similarly, a person could lease QS from more than one person.

The table also provides data on the average QS per lease, the total amount of QS leased, and the QS lease rate as a percentage of the year-end QS. These data are provided by area, year, and vessel category.

An “All Years” summary row is also provided for each area and vessel category. The numbers in these rows are the sums of the numbers in the nineteen years, or averages and rates, based on numbers summed over all nineteen years.

The table shows that most of the formal lease transactions over the 1995–2014 period were for freezer vessel QS. In the six areas in which QS lease transactions occurred, QS lease rates among freezer vessels over the nineteen -year period varied from 6.1% in Area 4B to 31.6% in Area 2C. The overall lease QS over this period tended to be highest in the freezer vessel category in 2C, 3A, 3B, 4A and 4D.

Table 4-3. Leases of QS by Area and Vessel Category, 1995–2014 By Area, Vessel Category, and Year

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Lessees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
2C	1995	Freezer	1,233,704	30	6	6	6	166,656	27,776	13.5%
		GT 60 ft.	2,900,705	125	1	1	1	3,604	3,604	0.1%
		36-60 ft.	45,222,555	1,019	0	0	0	0	0	0.0%
		LE 35 ft.	9,608,273	984	0	0	0	0	0	0.0%
	1996	Freezer	1,243,061	29	7	7	7	219,174	31,311	17.6%
		GT 60 ft.	2,791,577	102	0	0	0	0	0	0.0%
		36-60 ft.	45,810,132	954	4	4	4	47,208	11,802	0.1%
		LE 35 ft.	9,180,797	871	1	1	1	2,011	2,011	0.0%
	1997	Freezer	1,249,141	29	9	9	8	295,907	32,879	23.7%
		GT 60 ft.	2,709,684	91	0	0	0	0	0	0.0%
		36-60 ft.	46,498,798	873	4	4	4	120,075	30,019	0.3%
		LE 35 ft.	9,092,237	793	2	2	2	9,983	4,992	0.1%
	1998	Freezer	1,249,141	29	10	10	9	379,527	37,953	30.4%
		GT 60 ft.	2,702,528	83	0	0	0	0	0	0.0%
		36-60 ft.	46,512,181	855	2	2	2	129,415	64,708	0.3%
		LE 35 ft.	9,087,407	758	2	2	2	9,983	4,992	0.1%
	1999	Freezer	1,249,141	29	11	11	9	434,665	39,515	34.8%
		GT 60 ft.	2,678,909	81	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
2C Cont.	2000	36-60 ft.	46,544,193	837	3	3	3	163,145	54,382	0.4%
		LE 35 ft.	9,083,136	721	2	2	2	14,165	7,083	0.2%
		Freezer	1,249,141	28	12	15	9	482,680	53,631	38.6%
		GT 60 ft.	2,678,909	79	0	0	0	0	#DIV/0!	0.0%
	2001	36-60 ft.	46,623,718	822	3	3	3	190,201	63,400	0.4%
		LE 35 ft.	9,082,075	696	1	1	1	6,189	6,189	0.1%
		Freezer	1,249,141	28	14	17	10	672,157	67,216	53.8%
		GT 60 ft.	2,666,906	76	0	0	0	0	#DIV/0!	0.0%
	2002	36-60 ft.	46,725,643	803	3	3	3	177,346	59,115	0.4%
		LE 35 ft.	8,992,153	674	1	1	1	6,194	6,194	0.1%
		Freezer	1,249,141	28	14	18	14	615,279	43,949	49.3%
		GT 60 ft.	2,666,906	77					#DIV/0!	8.3%
	2003	36-60 ft.	46,725,643	791	4	4	4	222,541	55,635	0.0%
		LE 35 ft.	8,983,863	665	1	1	1	6,195	6,195	#REF!
		Freezer	1,249,141	28	10	10	10	355,657	35,566	28.5%
		GT 60 ft.	2,666,906	74	0	0	0	0	0	0.0%
	2004	36-60 ft.	46,657,330	783	2	2	2	144,240	72,120	0.3%
		LE 35 ft.	8,983,214	640	1	1	1	9,808	9,808	0.1%
		Freezer	1,249,141	28	8	8	8	359,832	44,979	28.8%
		GT 60 ft.	2,655,979	71	0	0	0	0	0	0.0%
	2005	36-60 ft.	46,668,257	759	1	1	1	125,631	125,631	0.3%
		LE 35 ft.	8,983,214	610	2	2	2	94,503	47,252	1.1%
		Freezer	1,249,141	28	10	11	11	422,023	38,366	33.8%
		GT 60 ft.	2,653,410	70	1	1	1	31,233	31,233	1.2%
	2006	36-60 ft.	46,666,634	755	4	4	4	197,904	49,476	0.4%
		LE 35 ft.	8,982,854	587	3	3	3	106,733	35,578	1.2%
		Freezer	1,249,141	28	8	8	8	325,992	40,749	26.1%
		GT 60 ft.	2,653,410	70	1	1	1	31,266	31,266	1.2%
	2007	36-60 ft.	46,670,959	747	4	4	4	222,266	55,567	0.5%
		LE 35 ft.	8,978,529	569	2	2	2	124,982	62,491	1.4%
		Freezer	1,249,141	28	12	13	11	470,525	42,775	37.7%
		GT 60 ft.	2,653,835	71	1	1	1	31,267	31,267	1.2%
	2008	36-60 ft.	46,671,288	724	15	16	15	813,534	54,236	1.7%
		LE 35 ft.	8,977,775	537	3	3	3	129,223	43,074	1.4%
		Freezer	1,249,141	29	10	10	10	352,786	35,279	28.2%
		GT 60 ft.	2,654,762	70	1	1	1	31,262	31,262	1.2%
	2009	36-60 ft.	46,671,063	697	22	22	21	1,194,742	56,892	2.6%
		LE 35 ft.	8,977,073	490	7	7	5	144,641	28,928	1.6%
		Freezer	1,249,141	29	9	9	9	352,284	39,143	28.2%
		GT 60 ft.	2,654,814	70	2	2	2	44,178	22,089	1.7%
	2010	36-60 ft.	46,671,063	690	23	23	20	1,156,073	57,804	2.5%
		LE 35 ft.	8,977,021	479	10	10	8	273,027	27,303	3.0%
		Freezer	1,249,141	29	10	10	10	333,493	33,349	26.7%
		GT 60 ft	2,654,814	71	2	2	2	44,177	22,089	1.7%
	2011	36 To 60 ft	46,677,536	673	26	28	25	1,691,527	60,412	3.6%
		LE 35 ft	8,970,548	453	13	13	10	293,647	22,588	3.3%
		Freezer	1,249,141	29	10	10	10	332,724	33,272	26.6%
		GT 60 ft	2,655,243	70	3	3	3	44,012	14,671	1.7%
	2012	36 To 60 ft	46,677,536	668	25	25	24	1,590,729	63,629	3.4%
		LE 35 ft	8,970,119	430	11	12	9	429,669	35,806	4.8%
		Freezer	1,249,141	29	11	11	11	343,627	31,239	27.5%
		GT 60 ft	2,655,243	70	2	2	2	38,786	19,393	1.5%
		36 To 60 ft	46,677,536	668	21	21	21	1,151,254	54,822	2.5%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
2C Cont.	2013	LE 35 ft	8,954,265	430	9	9	9	262,333	29,148	2.9%
		Freezer	1,249,141	29	8	8	8	309,993	38,749	24.8%
		GT 60 ft	2,655,243	70	3	3	3	173,032	57,677	6.5%
		36 To 60 ft	46,677,536	668	19	19	17	1,193,476	62,815	2.6%
	2014	LE 35 ft	8,954,265	430	9	9	8	425,561	47,285	4.8%
		Freezer	1,249,141	27	8	8	8	306,748	38,344	24.6%
		GT 60 ft.	2,655,243	66	5	5	5	192,455	38,491	7.2%
		36-60 ft.	46,677,536	632	24	24	22	1,262,349	52,598	2.7%
	ALL YRS	LE 35 ft.	8,895,476	355	7	7	6	369,464	52,781	4.2%
		Freezer	24,961,303	544	197	209	186	7,531,729	36,037	30.2%
		GT 60 ft.	53,665,026	1,491	22	22	22	665,272	30,240	1.2%
		36-60 ft.	930,727,137	14,786	209	212	199	11,793,656	55,630	1.3%
		LE 35 ft.	180,714,294	11,817	87	88	76	2,718,311	30,890	1.5%
3A	1995	Freezer	4,156,950	37	7	7	7	1,239,915	177,131	29.8%
		GT 60 ft.	67,514,777	274	2	2	2	97,054	48,527	0.1%
		36-60 ft.	97,630,610	1,349	3	3	3	64,824	21,608	0.1%
		LE 35 ft.	13,381,573	1,163	0	0	0	0	0	0.0%
	1996	Freezer	4,736,344	38	8	8	8	1,708,970	213,621	36.1%
		GT 60 ft.	68,251,744	281	11	11	2	60,440	5,495	0.1%
		36-60 ft.	98,459,927	1,248	6	6	5	122,855	20,476	0.1%
		LE 35 ft.	12,863,030	1,062	0	0	0	0	0	0.0%
	1997	Freezer	4,755,112	38	6	6	6	803,536	133,923	16.9%
		GT 60 ft.	68,298,684	277	6	6	5	176,243	29,374	0.3%
		36-60 ft.	98,862,582	1,151	7	7	7	371,987	53,141	0.4%
		LE 35 ft.	12,824,277	972	1	1	1	13,536	13,536	0.1%
	1998	Freezer	4,755,112	37	7	7	6	1,150,030	164,290	24.2%
		GT 60 ft.	68,347,490	277	0	0	0	0	0	0.0%
		36-60 ft.	98,745,121	1,111	5	5	5	307,147	61,429	0.3%
		LE 35 ft.	12,875,753	923	2	2	2	56,334	28,167	0.4%
	1999	Freezer	4,755,112	37	7	7	7	1,110,304	158,615	23.3%
		GT 60 ft.	68,482,506	277	0	0	0	0	0	0.0%
		36-60 ft.	98,803,343	1,083	4	4	3	261,148	65,287	0.3%
		LE 35 ft.	12,765,867	874	2	2	2	56,334	28,167	0.4%
	2000	Freezer	4,773,918	38	7	7	6	1,118,519	186,420	23.4%
		GT 60 ft.	68,531,533	278	1	2	1	144,007	144,007	0.2%
		36-60 ft.	98,834,545	1,051	4	5	4	240,194	60,049	0.2%
		LE 35 ft.	12,762,590	843	1	2	1	42,801	42,801	0.3%
	2001	Freezer	4,773,918	37	7	7	6	1,084,168	180,695	22.7%
		GT 60 ft.	68,536,307	281	2	2	2	497,320	248,660	0.7%
		36-60 ft.	98,821,205	1,031	3	4	3	964,036	321,345	1.0%
		LE 35 ft.	12,742,045	812	1	1	1	9,055	9,055	0.1%
	2002	Freezer	4,773,918	36	7	8	7	936,605	133,801	19.6%
		GT 60 ft.	68,536,316	280	2	3	2	497,312	248,656	0.7%
		36-60 ft.	98,821,205	1,007	3	5	3	1,028,135	342,712	1.0%
		LE 35 ft.	12,742,045	812	2	2	2	47,472	23,736	0.4%
	2003	Freezer	4,773,918	36	7	7	7	914,754	130,679	19.2%
		GT 60 ft.	68,538,320	284	2	2	2	933,059	466,530	1.4%
		36-60 ft.	98,878,687	987	4	5	4	1,019,731	254,933	1.0%
		LE 35 ft.	12,740,041	789	1	1	1	39,152	39,152	0.3%
	2004	Freezer	4,773,918	35	6	6	6	970,965	161,828	20.3%
		GT 60 ft.	68,519,881	280	2	3	3	1,220,968	406,989	1.8%
		36-60 ft.	98,876,263	958	2	2	2	104,922	52,461	0.1%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
3A Cont.	2005	LE 35 ft.	12,740,041	727	2	2	2	48,277	24,139	0.4%
		Freezer	4,773,918	36	5	5	4	821,443	205,361	17.2%
		GT 60 ft.	68,519,881	279	2	2	2	1,126,395	563,198	1.6%
		36-60 ft.	98,878,681	943	2	2	2	62,791	31,396	0.1%
	2006	LE 35 ft.	12,738,835	721	2	2	2	49,019	24,510	0.4%
		Freezer	4,773,918	36	5	5	5	803,702	160,740	16.8%
		GT 60 ft.	68,559,245	282	1	1	1	375,138	375,138	0.5%
		36-60 ft.	98,878,681	925	2	2	2	157,821	78,911	0.2%
	2007	LE 35 ft.	12,699,471	695	1	1	1	9,869	9,869	0.1%
		Freezer	4,773,918	35	4	4	4	764,201	191,050	16.0%
		GT 60 ft.	68,560,803	281	1	1	1	375,138	375,138	0.5%
		36-60 ft.	98,878,681	898	5	5	5	264,890	52,978	0.3%
	2008	LE 35 ft.	12,697,913	601	2	2	1	36,869	36,869	0.3%
		Freezer	4,773,918	36	4	4	4	764,707	191,177	16.0%
		GT 60 ft.	68,567,490	281	4	4	4	668,410	167,103	1.0%
		36-60 ft.	98,878,681	858	21	21	20	1,589,430	79,472	1.6%
	2009	LE 35 ft.	12,691,226	527	6	6	6	250,036	41,673	2.0%
		Freezer	4,773,918	34	5	5	5	818,888	163,778	17.2%
		GT 60 ft.	68,567,651	277	4	4	4	602,584	150,646	0.9%
		36-60 ft.	98,878,681	844	29	30	26	2,798,105	107,619	2.8%
	2010	LE 35 ft.	12,691,065	500	12	12	10	522,364	52,236	4.1%
		Freezer	4,773,918	34	5	5	5	785,832	157,166	16.5%
		GT 60 ft.	68,567,651	279	3	3	3	229,386	76,462	0.3%
		36 To 60 ft	98,878,681	829	29	32	27	2,998,434	93,701	3.0%
	2011	LE 35 ft.	12,691,065	482	8	8	8	363,015	45,377	2.9%
		Freezer	4,773,918	34	3	4	4	309,301	77,325	6.5%
		GT 60 ft.	68,568,976	276	5	5	5	318,096	63,619	0.5%
		36 To 60 ft	98,878,681	814	28	32	30	3,320,708	103,772	3.4%
	2012	LE 35 ft.	12,689,740	463	9	9	8	485,494	53,944	3.8%
		Freezer	4,773,918	33	5	5	4	359,939	71,988	7.5%
		GT 60 ft.	68,568,976	274	7	7	7	1,142,624	163,232	1.7%
		36 To 60 ft	98,876,488	796	30	34	30	4,183,592	123,047	4.2%
	2013	LE 35 ft.	12,674,822	400	10	10	8	476,490	47,649	3.8%
		Freezer	4,773,918	33	2	2	2	280,009	140,005	5.9%
		GT 60 ft.	68,568,976	273	5	5	5	838,486	167,697	1.2%
		36 To 60 ft	98,876,488	789	30	36	31	4,749,918	131,942	4.8%
	2014	LE 35 ft.	12,673,626	389	6	6	6	351,223	58,537	2.8%
		Freezer	4,773,918	33	2	2	2	280,053	140,027	5.9%
		GT 60 ft.	68,568,976	271	5	5	5	1,098,634	219,727	1.6%
		36 To 60 ft	98,876,488	775	38	45	33	4,612,988	102,511	4.7%
	ALL YRS	LE 35 ft.	12,673,626	374	10	10	7	631,812	63,181	5.0%
		Freezer	94,767,400	713	109	111	105	17,025,841	153,386	18.0%
		GT 60 ft.	1,369,176,183	5,562	65	68	56	10,401,294	152,960	0.8%
		36-60 ft.	1,975,513,719	19,447	255	285	245	29,223,656	102,539	1.5%
		LE 35 ft.	255,358,651	14,129	78	79	69	3,489,152	44,166	1.4%
3B	1995	Freezer	1,525,163	20	5	5	5	491,569	98,314	32.2%
		GT 60 ft.	29,676,351	195	0	0	0	0	0	0.0%
		36-60 ft.	20,234,235	511	0	0	0	0	0	0.0%
		LE 35 ft.	1,958,664	253	0	0	0	0	0	0.0%
	1996	Freezer	1,587,671	18	5	6	6	738,392	123,065	46.5%
		GT 60 ft.	29,930,873	182	8	8	1	6,541	818	0.0%
		36-60 ft.	20,598,405	483	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
3B Cont.	1997	LE 35 ft.	1,707,778	188	0	0	0	0	0	0.0%
		Freezer	1,593,155	18	5	5	5	340,434	68,087	21.4%
		GT 60 ft.	29,952,504	178	2	2	2	43,579	21,790	0.1%
		36-60 ft.	20,668,535	394	2	2	2	55,214	27,607	0.3%
	1998	LE 35 ft.	1,698,355	160	0	0	0	0	0	0.0%
		Freezer	1,593,155	18	5	5	5	340,434	68,087	21.4%
		GT 60 ft.	29,944,248	175	0	0	0	0	0	0.0%
		36-60 ft.	20,621,534	374	2	2	2	160,101	80,051	0.8%
	1999	LE 35 ft.	1,681,651	139	0	0	0	0	0	0.0%
		Freezer	1,593,155	19	3	3	3	241,097	80,366	15.1%
		GT 60 ft.	29,979,847	180	0	0	0	0	0	0.0%
		36-60 ft.	20,621,534	346	2	2	2	88,109	44,055	0.4%
	2000	LE 35 ft.	1,664,130	121	0	0	0	0	0	0.0%
		Freezer	1,593,155	19	6	6	6	613,767	80,366	38.5%
		GT 60 ft.	29,980,804	176	0	0	0	0	0	0.0%
		36-60 ft.	20,670,377	337	1	1	1	86,866	44,055	0.4%
	2001	LE 35 ft.	1,663,173	116	0	0	0	0	0	0.0%
		Freezer	1,593,155	18	5	5	5	462,340	92,468	29.0%
		GT 60 ft.	29,983,124	176	0	0	0	0	0	0.0%
		36-60 ft.	20,670,377	327	1	2	1	183,915	183,915	0.9%
	2002	LE 35 ft.	1,660,853	108	0	0	0	0	0	0.0%
		Freezer	1,593,155	18	3	3	3	202,582	67,527	12.7%
		GT 60 ft.	29,983,124	178	0	0	0	0	0	0.0%
		36-60 ft.	20,670,377	317	1	2	1	183,920	183,920	0.9%
	2003	LE 35 ft.	1,660,853	106	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	4	5	4	240,084	60,021	15.1%
		GT 60 ft.	29,983,709	180	1	1	1	55,041	55,041	0.2%
		36-60 ft.	20,966,044	316	1	2	1	183,916	183,916	0.9%
	2004	LE 35 ft.	1,660,268	105	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	3	3	3	304,347	101,449	19.1%
		GT 60 ft.	30,042,866	179	1	1	1	88,776	88,776	0.3%
		36-60 ft.	20,966,044	302	2	2	2	351,463	175,732	1.7%
	2005	LE 35 ft.	1,660,268	102	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	3	3	3	187,986	62,662	11.8%
		GT 60 ft.	30,042,866	177	1	1	1	88,775	88,775	0.3%
		36-60 ft.	20,966,072	298	3	4	4	472,366	118,092	2.3%
	2006	LE 35 ft.	1,660,240	101	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	3	3	3	246,972	82,324	15.5%
		GT 60 ft.	29,987,611	179	3	5	5	248,766	49,753	0.8%
		36-60 ft.	20,966,072	290	5	7	7	532,312	76,045	2.5%
	2007	LE 35 ft.	1,656,338	93	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	3	3	3	245,432	81,811	15.4%
		GT 60 ft.	29,988,221	179	3	4	4	330,524	82,631	1.1%
		36-60 ft.	20,966,072	290	4	10	9	399,019	44,335	1.9%
	2008	LE 35 ft.	1,655,728	92	0	0	0	0	0	0.0%
		Freezer	1,593,155	17	2	2	2	139,214	69,607	8.7%
		GT 60 ft.	29,989,929	180	3	5	5	285,290	57,058	1.0%
		36-60 ft.	20,966,072	282	5	10	10	374,074	37,407	1.8%
	2009	LE 35 ft.	1,654,020	76	2	2	2	97,716	0	5.9%
		Freezer	1,593,155	17	2	2	2	139,214	69,607	8.7%
		GT 60 ft.	29,989,976	180	3	8	7	238,336	34,048	0.8%
		36-60 ft.	20,966,072	283	7	12	12	349,732	29,144	1.7%
		LE 35 ft.	1,653,973	74	3	3	3	99,725	33,242	6.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
3B Cont.	2010	Freezer	1,593,155	17	2	2	2	139,215	69,608	8.7%
		GT 60 ft	29,989,976	177	4	5	5	234,055	46,811	0.8%
		36 To 60 ft	20,966,072	283	6	9	8	315,678	35,075	1.5%
		LE 35 ft	1,653,973	73	3	3	3	96,526	32,175	5.8%
	2011	Freezer	1,593,155	17	1	1	1	25,052	25,052	1.6%
		GT 60 ft	29,990,363	184	2	3	3	119,746	39,915	0.4%
		36 To 60 ft	20,966,072	283	6	7	6	466,806	66,687	2.2%
		LE 35 ft	1,653,586	72	4	4	4	119,904	29,976	7.3%
	2012	Freezer	1,593,155	17	3	3	2	257,525	85,842	16.2%
		GT 60 ft	29,989,523	184	4	5	5	242,525	48,505	0.8%
		36 To 60 ft	20,966,072	277	9	11	11	533,481	48,498	2.5%
		LE 35 ft	1,652,565	63	3	3	3	78,974	26,325	4.8%
	2013	Freezer	1,593,155	17	1	1	1	25,045	25,045	1.6%
		GT 60 ft	29,989,523	184	5	8	6	475,406	59,426	1.6%
		36 To 60 ft	20,966,072	277	13	14	14	1,046,181	74,727	5.0%
		LE 35 ft	1,652,565	63	4	4	4	135,810	33,953	8.2%
	2014	Freezer	1,593,155	17	3	3	2	257,533	85,844	16.2%
		GT 60 ft	29,989,523	180	5	5	4	446,417	89,283	1.5%
		36 To 60 ft	20,966,072	274	13	13	13	999,119	76,855	4.8%
		LE 35 ft	1,652,565	63	4	4	3	137,011	34,253	8.3%
	YRS	Freezer	31,789,624	352	67	69	66	5,638,234	81,714	17.7%
		GT 60 ft.	599,404,961	3,603	45	61	50	2,903,777	47,603	0.5%
		36-60 ft.	416,348,182	6,544	83	112	106	6,782,272	60,556	1.6%
		LE 35 ft.	33,561,546	2,168	23	23	22	765,666	33,290	2.3%
4A	1995	Freezer	588,884	17	3	4	4	228,184	57,046	38.7%
		GT 60 ft.	8,350,730	136	0	0	0	0	0	0.0%
		36-60 ft.	4,243,601	135	0	0	0	0	0	0.0%
		LE 35 ft.	1,093,697	200	0	0	0	0	0	0.0%
	1996	Freezer	617,547	17	2	2	2	161,075	80,538	26.1%
		GT 60 ft.	8,478,868	139	8	8	1	2,058	257	0.0%
		36-60 ft.	4,267,424	126	0	0	0	0	0	0.0%
		LE 35 ft.	1,058,061	168	0	0	0	0	0	0.0%
	1997	Freezer	619,003	17	4	4	4	144,378	36,095	23.3%
		GT 60 ft.	8,532,238	130	0	0	0	0	0	0.0%
		36-60 ft.	4,280,423	107	0	0	0	0	0	0.0%
		LE 35 ft.	1,071,301	151	0	0	0	0	0	0.0%
	1998	Freezer	619,003	17	5	5	5	186,537	37,307	30.1%
		GT 60 ft.	8,531,883	124	0	0	0	0	0	0.0%
		36-60 ft.	4,287,490	100	0	0	0	0	0	0.0%
		LE 35 ft.	1,064,633	138	0	0	0	0	0	0.0%
	1999	Freezer	619,003	17	4	4	4	185,803	46,451	30.0%
		GT 60 ft.	8,540,086	117	0	0	0	0	0	0.0%
		36-60 ft.	4,287,490	98	0	0	0	0	0	0.0%
		LE 35 ft.	1,057,417	124	0	0	0	0	0	0.0%
	2000	Freezer	619,003	17	3	3	4	109,728	36,576	17.7%
		GT 60 ft.	8,544,724	115	1	2	2	93,319	46,660	1.1%
		36-60 ft.	4,287,490	96	0	0	0	0	0	0.0%
		LE 35 ft.	1,052,779	112	0	0	0	0	0	0.0%
	2001	Freezer	619,003	15	3	4	3	152,332	50,777	24.6%
		GT 60 ft.	8,545,892	111	0	0	0	0	0	0.0%
		36-60 ft.	4,287,490	90	0	0	0	0	0	0.0%
		LE 35 ft.	1,051,611	103	0	0	0	0	0	0.0%
	2002	Freezer	619,003	15	3	4	3	143,642	47,881	23.2%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4A Cont	2003	GT 60 ft.	8,545,992	111	0	0	0	0	0	0.0%
		36-60 ft.	4,287,490	92	0	0	0	0	0	0.0%
		LE 35 ft.	1,051,511	99	0	0	0	0	0	0.0%
		Freezer	619,003	15	2	2	2	77,907	38,954	12.6%
	2004	GT 60 ft.	8,546,404	109	0	0	0	0	0	0.0%
		36-60 ft.	4,370,593	92	0	0	0	0	0	0.0%
		LE 35 ft.	1,051,099	95	0	0	0	0	0	0.0%
		Freezer	619,003	14	0	0	0	0	0	0.0%
	2005	GT 60 ft.	8,546,404	109	0	0	0	0	0	0.0%
		36-60 ft.	4,370,593	90	0	0	0	0	0	0.0%
		LE 35 ft.	1,051,099	95	14	15	15	720,174	48,012	68.5%
		Freezer	619,003	12	2	2	2	79,385	39,693	12.8%
	2006	GT 60 ft.	8,546,702	107	0	0	0	0	0	0.0%
		36-60 ft.	4,370,615	91	0	0	0	0	0	0.0%
		LE 35 ft.	1,050,779	94	1	1	1	26,829	26,829	2.6%
		Freezer	619,003	12	2	2	2	78,066	39,033	12.6%
	2007	GT 60 ft.	8,547,737	107	0	0	0	0	0	0.0%
		36-60 ft.	4,370,615	91	0	0	0	0	0	0.0%
		LE 35 ft.	1,049,744	89	0	0	0	0	0	0.0%
		Freezer	619,003	12	2	2	2	77,513	38,757	12.5%
	2008	GT 60 ft.	8,547,937	100	0	0	0	0	0	0.0%
		36-60 ft.	4,370,615	89	0	0	0	0	0	0.0%
		LE 35 ft.	1,049,544	84	0	0	0	0	0	0.0%
		Freezer	619,003	12	1	1	1	51,441	51,441	8.3%
	2009	GT 60 ft.	8,548,105	103	0	0	0	0	0	0.0%
		36-60 ft.	4,370,615	88	3	3	3	165,648	55,216	3.8%
		LE 35 ft.	1,049,376	76	1	1	1	28,153	28,153	2.7%
		Freezer	619,003	13	1	1	1	51,444	51,444	8.3%
	2010	GT 60 ft.	8,548,117	101	2	2	2	32,160	16,080	0.4%
		36-60 ft.	4,370,615	88	6	6	5	296,746	59,349	6.8%
		LE 35 ft.	1,049,364	75	3	3	3	123,240	41,080	11.7%
		Freezer	619,003	13	1	1	1	51,443	51,443	8.3%
	2011	GT 60 ft	8,548,117	100	1	1	1	64,033	64,033	0.7%
		36 To 60 ft	4,370,615	89	3	3	3	80,918	26,973	1.9%
		LE 35 ft	1,049,364	72	2	2	2	79,053	39,527	7.5%
		Freezer	619,003	13	0			0	0	0.0%
	2012	GT 60 ft	8,548,606	99	2	2	3	237,974	118,987	2.8%
		36 To 60 ft	4,370,615	87	3	4	4	102,145	25,536	2.3%
		LE 35 ft	1,048,875	67	3	4	3	107,544	26,886	10.3%
		Freezer	619,003	13	1	1	1	44,953	44,953	7.3%
	2013	GT 60 ft	8,548,606	101	3	3	3	261,226	87,075	3.1%
		36 To 60 ft	4,370,615	87	6	6	6	151,400	25,233	3.5%
		LE 35 ft	1,047,787	55	3	3	3	186,364	62,121	17.8%
		Freezer	619,003	13					#DIV/0!	0.0%
	2014	GT 60 ft	8,548,615	101	5	5	5	456,396	91,279	5.3%
		36 To 60 ft	4,370,615	84	7	8	7	218,106	27,263	5.0%
		LE 35 ft	1,047,778	54	2	2	2	177,264	88,632	16.9%
		Freezer	619,003	13	1	1	1	44,959	44,959	7.3%
	ALL YRS	GT 60 ft	8,548,615	102	4	4	4	281,064	70,266	3.3%
		36 To 60 ft	4,370,615	83	6	6	6	150,236	25,039	3.4%
		LE 35 ft	1,047,778	53	1	1	1	33,119	33,119	3.2%
	ALL YRS	Freezer	12,348,485	287	40	43	42	1,868,790	43,460	15.1%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4A Cont		GT 60 ft.	170,644,378	2,222	26	27	21	1,428,230	52,897	0.8%
		36-60 ft.	86,676,234	1,903	34	36	34	1,165,199	32,367	1.3%
		LE 35 ft.	21,093,597	2,004	30	32	31	1,481,740	46,304	7.0%
4B	1995	Freezer	322,852	7	2	2	2	175,269	87,635	54.3%
		GT 60 ft.	7,100,366	78	1	1	1	49,048	49,048	0.7%
		36-60 ft.	1,333,447	34	0	0	0	0	0	0.0%
		LE 35 ft.	265,599	27	0	0	0	0	0	0.0%
	1996	Freezer	553,489	8	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	77	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	33	0	0	0	0	0	0.0%
		LE 35 ft.	265,599	26	0	0	0	0	0	0.0%
	1997	Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	72	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	29	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	26	0	0	0	0	0	0.0%
	1998	Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	70	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	28	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	25	0	0	0	0	0	0.0%
	1999	Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	69	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	29	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	20	0	0	0	0	0	0.0%
	2000	Freezer	553,489	7	1	2	2	93,319	46,660	16.9%
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	28	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	19	0	0	0	0	0	0.0%
	2001	Freezer	553,489	7	1	1	1	47,534	47,534	8.6%
		GT 60 ft.	7,114,526	71	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	31	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	17	0	0	0	0	0	0.0%
	2001	36-60 ft.	1,347,763	28	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	19	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	47,534	47,534	8.6%
		GT 60 ft.	7,114,526	71	0	0	0	0	0	0.0%
	2002	36-60 ft.	1,347,763	31	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	17	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	46,930	46,930	8.5%
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0%
	2003	36-60 ft.	1,347,763	31	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	46,401	46,401	8.4%
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0%
	2004	36-60 ft.	1,347,763	32	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	68	0	0	0	0	0	0.0%
	2005	LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0%
		LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	43,410	43,410	7.8%
		GT 60 ft.	7,114,526	66	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4B Cont	2006	LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	47,536	47,536	8.6%
		GT 60 ft.	7,114,526	67	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	32	0	0	0	0	0	0.0%
	2007	LE 35 ft.	268,996	16	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	66	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	31	0	0	0	0	0	0.0%
	2008	LE 35 ft.	268,996	15	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	64	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	30	0	0	0	0	0	0.0%
	2009	LE 35 ft.	268,996	12	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	63	0	0	0	0	0	0.0%
		36-60 ft.	1,347,763	28	1	1	1	81,496	81,496	6.0%
	2010	LE 35 ft.	268,996	12	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft.	7,114,526	63	0	0	0	0	0	0.0%
		36 To 60 ft	1,347,763	28	1	0	0	0	0	0.0%
	2011	LE 35 ft	268,996	12	0	0	0	0	0	0.0%
		Freezer	553,489	7	0	0	0	0	0	0.0%
		GT 60 ft	7,114,526	58	1	2	1	40525	20,263	0.6%
		36 To 60 ft	1,347,763	28	1	1	1	39859	39,859	3.0%
	2012	LE 35 ft	268,996	12	0	0	0	0	0	0.0%
		Freezer	553,489	7	1	1	1	41,487	41,487	7.5%
		GT 60 ft	7,114,526	58	2	2	2	174,319	87,160	2.5%
		36 To 60 ft	1,347,763	28	1	1	1	80,155	80,155	5.9%
	2013	LE 35 ft	268,996	12						
		Freezer	553,489	7						
		GT 60 ft	7,114,526	58	3	3	3	197,891	65,964	2.8%
		36 To 60 ft	1,347,763	28	2	2	2	120,012	60,006	8.9%
	2014	LE 35 ft	268,996	12						
		Freezer	553,489	7						
		GT 60 ft	7,114,526	56	4	5	4	408,643	81,729	5.7%
		36 To 60 ft	1,347,763	27	2	4	4	277,414	69,354	20.6%
	ALL YRS	LE 35 ft	268,996	11	1	1	1	25,584	25,584	9.5%
		Freezer	35,603,573	471	3	3	3	132,433	44,144	0.4%
		GT 60 ft.	79,572,753	736	8	10	9	553,588	55,359	0.7%
		36-60 ft.	51,474,007	715	6	5	5	321,522	64,304	0.6%
		LE 35 ft.	11,911,727	308	3	3	3	140,865	46,955	1.2%
4C	1995	Freezer	18,876	1	0	0	0	0		0.0%
		GT 60 ft.	1,767,422	29	0	0	0	0		0.0%
		36-60 ft.	1,007,084	20	0	0	0	0		0.0%
		LE 35 ft.	1,175,804	31	0	0	0	0	#DIV/0!	0.0%
	1996	Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	28	0	0	0	0	0	0.0%
		36-60 ft.	820,661	19	0	0	0	0	0	0.0%
		LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0%
	1997	Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	28	0	0	0	0	0	0.0%
		36-60 ft.	820,661	18	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4C Cont.	1998	LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	26	0	0	0	0	0	0.0%
		36-60 ft.	820,661	17	0	0	0	0	0	0.0%
	1999	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	26	0	0	0	0	0	0.0%
		36-60 ft.	820,661	17	1	1	1	174,832	174,832	21.3%
	2000	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	25	0	0	0	0	0	0.0%
		36-60 ft.	820,661	16	1	1	1	174,831	174,831	21.3%
	2001	LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	24	0	0	0	0	0	0.0%
		36-60 ft.	820,661	12	1	1	1	174,831	174,831	21.3%
	2002	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	820,661	12	0	0	0	0	0	0.0%
	2003	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2004	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2005	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2006	LE 35 ft.	1,509,042	33	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2007	LE 35 ft.	1,509,042	32	0	0	0	0	0	0.0%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	22	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2008	LE 35 ft.	1,509,042	30	2	2	2	322,658	161,329	21.4%
		Freezer	18,876	1	0	0	0	0	0	0.0%
		GT 60 ft.	1,620,607	22	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2009	LE 35 ft.	1,509,042	31	2	2	2	365,711	182,856	24.2%
		Freezer	18,876	1	1	1	1	17,207	17,207	91.2%
		GT 60 ft.	1,620,607	23	0	0	0	0	0	0.0%
		36-60 ft.	867,827	14	0	0	0	0	0	0.0%
	2010	LE 35 ft.	1,509,042	30	2	2	2	353,519	176,760	23.4%
		Freezer	18,876	1	1	1	1	18,878	18,878	100.0%
		GT 60 ft.	1,620,607	22	0	0	0	0	0	0.0%
		36 To 60 ft	867,827	13	0	0	0	0	0	0.0%
		LE 35 ft	1,509,042	30	2	2	2	361,145	180,573	23.9%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4C Cont.	2011	Freezer	18,876	1	1	1	1	17,064	17,064	90.4%
		GT 60 ft	1,620,607	19	0	0	0	0	0	0.0%
		36 To 60 ft	867,827	13	0	0	0	0	0	0.0%
		LE 35 ft	1,509,042	30	2	2	2	365,713	182,857	24.2%
	2012	Freezer	18,876	1						
		GT 60 ft	1,620,607	19	1	1	1	33,665	33,665	2.1%
		36 To 60 ft	867,827	13	1	1	1	29,269	29,269	3.4%
		LE 35 ft	1,509,042	30	2	2	2	304,794	152,397	20.2%
	2013	Freezer	18,876	1						
		GT 60 ft	1,620,909	20	1	1	1	128,006	128,006	7.9%
		36 To 60 ft	867,827	13	1	1	1	29,269	29,269	3.4%
		LE 35 ft	1,508,740	30	1	1	2	220,478	220,478	14.6%
	2014	Freezer	18,876	1						
		GT 60 ft	1,620,909	20						
		36 To 60 ft	867,827	13	1	1	1	29,271	29,271	3.4%
		LE 35 ft	1,508,740	30	1	1	1	220,475	220,475	14.6%
	ALL YRS	Freezer	377,520	20	3	3	3	53,149	17,716	14.1%
		GT 60 ft.	32,559,559	468	2	2	2	161,671	80,836	0.5%
		36-60 ft.	17,165,635	294	6	6	6	612,303	102,051	3.6%
		LE 35 ft.	29,846,998	628	14	14	15	2,514,493	179,607	8.4%
4D	1995	Freezer	355,318	5	0	0	0	0	0	0.0%
		GT 60 ft.	3,975,433	49	0	0	0	0	0	0.0%
		36-60 ft.	355,245	14	0	0	0	0	0	0.0%
	1996	Freezer	413,936	6	0	0	0	0	0	0.0%
		GT 60 ft.	4,021,310	49	0	0	0	0	0	0.0%
		36-60 ft.	355,245	14	0	0	0	0	0	0.0%
	1997	Freezer	413,936	5	3	4	4	390,361	97,590	94.3%
		GT 60 ft.	4,021,310	47	0	0	0	0	0	0.0%
		36-60 ft.	311,072	11	0	0	0	0	0	0.0%
	1998	Freezer	413,936	5	3	3	1	268,572	89,524	64.9%
		GT 60 ft.	4,021,310	43	0	0	0	0	0	0.0%
		36-60 ft.	311,072	11	0	0	0	0	0	0.0%
	1999	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	41	0	0	0	0	0	0.0%
		36-60 ft.	311,072	11	0	0	0	0	0	0.0%
	2000	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	42	0	0	0	0	0	0.0%
		36-60 ft.	355,245	9	0	0	0	0	0	0.0%
	2001	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	41	0	0	0	0	0	0.0%
		36-60 ft.	355,245	9	0	0	0	0	0	0.0%
	2002	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0%
		36-60 ft.	355,245	10	0	0	0	0	0	0.0%
	2003	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0%
		36-60 ft.	444,219	11	0	0	0	0	0	0.0%
	2004	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	40	0	0	0	0	0	0.0%
		36-60 ft.	444,219	11	0	0	0	0	0	0.0%
	2005	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0%
		36-60 ft.	444,219	11	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4D Cont.	2006	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0%
		36-60 ft.	444,219	11	0	0	0	0	0	0.0%
	2007	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0%
		36-60 ft.	444,219	12	0	0	0	0	0	0.0%
	2008	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	38	0	0	0	0	0	0.0%
		36-60 ft.	444,219	12	0	0	0	0	0	0.0%
	2009	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	38	0	0	0	0	0	0.0%
		36-60 ft.	444,219	11	0	0	0	0	0	0.0%
	2010	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	39	0	0	0	0	0	0.0%
		36 To 60 ft	444,219	11	0	0	0	0	0	0.0%
	2011	Freezer	413,936	4	0	0	0	0	0	0.0%
		GT 60 ft.	4,100,095	38	0	0	0	0	0	0.0%
		36 To 60 ft	444,219	11	0	0	0	0	0	0.0%
	2012	Freezer	413,936	4						
		GT 60 ft.	4,100,095	37	1	1	1	194,773	194,773	4.8%
		36-60 ft.	444,219	11						
	2013	Freezer	413,936	4						
		GT 60 ft.	4,100,095	37	2	2	2	212,359	106,180	5.2%
		36-60 ft.	444,219	11						
	2014	Freezer	413,936	4						
		GT 60 ft.	4,100,095	37	1	1	1	194,770	194,770	4.8%
		36-60 ft.	444,219	10						
	ALL YRS	Freezer	8,220,102	85	6	7	5	658,933	187,114	8.0%
		GT 60 ft.	81,640,883	813	4	4	4	601,902	150,476	0.7%
		36-60 ft.	7,728,997	211	0	0	0	0	89,524	0.0%
4E	1995	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	1996	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	1997	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	1998	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	1999	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	2000	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	2001	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
		36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
	2002	GT 60 ft.	11,176	2	0	0	0	0	0	0.0%

Area	Year	Vessel Category	Year-end QS	Year-end QS Holder	Number of Lessors	Number of Leases	Number of Leasees	Leased QS	Average QS Per Lease	QS Lease Rate (%)
4E Cont.	2003	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	95	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2004	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2005	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2006	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2007	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2008	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2009	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2010	36-60 ft.	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft.	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft.	11,176	2	0	0	0	0	0	0.0%
	2011	36 To 60 ft	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft	11,176	2	0	0	0	0	0	0.0%
	2012	36 To 60 ft	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft	91,791	94	0	0	0	0	0	0.0%
		GT 60 ft	11,176	2	0	0	0	0	0	0.0%
	2013	36 To 60 ft	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft	91,384	87	0	0	0	0	0	0.0%
		GT 60 ft	11,176	2	0	0	0	0	0	0.0%
	2014	36 To 60 ft	37,032	7	0	0	0	0	0	0.0%
		LE 35 ft	91,384	87	0	0	0	0	0	0.0%
		GT 60 ft	11,176	2	0	0	0	0	0	0.0%
	ALL YRS	36-60 ft.	740,640	140	0	0	0	0	0	0.0%
		LE 35 ft.	1,835,006	1,867	0	0	0	0	0	0.0%
		GT 60 ft.	223,520	40	0	0	0	0	0	0.0%

4.4 Halibut QS Lease Prices

This section provides information on QS lease prices. Table 4-4 provides summary data on the total number of formal lease transactions over the 1995 through 2014 time period and the number and percentage of these transactions for which applicants provided lease prices. The table

indicates that there were 1,484 halibut QS lease transactions during the 1995- 2014 time period; of these, lease prices could be calculated from only 158 (11%) of the transactions.³⁸

Since a QS lease within a year can be translated into a specific amount of IFQ for that year, the pounds of IFQ associated with the lease are reported in the table.

Table 4-4. Priced and Unpriced Halibut QS Leases By Area and Vessel Category, 1995–2014

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
2C	1995	Freezer	6	5	83%	25,060	25,041	100%
		GT 60 ft	1	0	0%	542	0	0%
	1996	Freezer	7	2	29%	32,790	10,528	32%
		36-60 ft	4	1	25%	7,212	2,000	28%
		LE 35 ft	1	0	0%	332	0	0%
	1997	Freezer	9	3	33%	51,561	14,424	28%
		36-60 ft	4	1	25%	18,852	1,520	8%
		LE 35 ft	2	0	0%	1,848	0	0%
	1998	Freezer	10	4	40%	68,280	38,190	56%
		36-60 ft	2	1	50%	23,824	16,720	70%
		LE 35 ft	2	1	50%	1,772	1,421	80%
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	15	0	0%	68,080	0	0%
		36-60 ft	3	1	33%	26,827	16,873	63%
		LE 35 ft	1	0	0%	873	0	0%
	2001	Freezer	17	0	0%	98,963	0	0%
		36-60 ft	3	0	0%	26,111	0	0%
		LE 35 ft	1	0	0%	912	0	0%
	2002	Freezer	18	0	0%	87,699	0	0%
		36-60 ft	4	0	0%	31,720	0	0%
		LE 35 ft	1	0	0%	883	0	0%
	2003	Freezer	10	0	0%	50,693	0	0%
		36-60 ft	2	0	0%	20,559	0	0%
		LE 35 ft	1	0	0%	1,398	0	0%
	2004	Freezer	8	0	0%	63,439	0	0%
		36-60 ft	1	0	0%	22,149	0	0%
		LE 35 ft	2	0	0%	16,661	0	0%
	2005	Freezer	11	1	9%	77,451	10,564	14%
		GT 60 ft	1	1	100%	5,732	5,732	100%
		36-60 ft	4	2	50%	36,320	23,781	65%
		LE 35 ft	3	1	33%	19,588	2,245	11%
	2006	Freezer	8	0	0%	58,189	0	0%
		GT 60 ft	1	0	0%	5,581	0	0%
		36-60 ft	4	0	0%	39,674	0	0%
		LE 35 ft	2	0	0%	22,309	0	0%
	2007	Freezer	13	0	0%	67,238	0	0%
		GT 60 ft	1	0	0%	4,468	0	0%
		36-60 ft	16	1	6%	116,254	5,000	4%

³⁸NMFS-RAM personnel have suggested that almost all lease transactions have monetary considerations. However, in many cases the lease contract is a “share” contract or percentage contract. In such cases, persons coding the transfer document have no way to calculate the exact amount of the lease or the rental price per pound of IFQ. Thus in the computer file the fields are left blank or “unpriced” even though the lessor will receive compensation.

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
3A	2008	LE 35 ft	3	0	0%	18,466		0%
		Freezer	10	1	10%	36,788	4,936	13%
		GT 60 ft	1	0	0%	0	0	0%
		36-60 ft	22	3	14%	124,586	9,264	7%
	2009	LE 35 ft	7	4	57%	15,083	4,423	29%
		Freezer	9	0	0%	29,696	0	0%
		GT 60 ft	2	0	0%	3,724	0	0%
		36-60 ft	23	4	17%	97,452	13,547	14%
	2010	LE 35 ft	10	2	20%	23,015	4,243	18%
		Freezer	10	0	0%	24,640		0%
		GT 60 ft	2	1	50%	3,264	954	29%
		36-60 ft	26	3	12%	124,978	18,056	14%
	2011	LE 35 ft	13	4	31%	21,696	11,688	54%
		Freezer	10	0	0%	13,018	0	0%
		GT 60 ft	3	0	0%	1,722	0	0%
		36-60 ft	25	1	4%	62,238	253	0%
	2012	LE 35 ft	11	5	45%	16,811	3,775	22%
		Freezer	11	0	0%	15,141	0	0%
		GT 60 ft	2	0	0%	1,709	0	0%
		36-60 ft	22	1	5%	51,741	1,014	2%
	2013	LE 35 ft	9	0	0%	11,559	0	0%
		Freezer	8	0	0%	15,461	0	0%
		GT 60 ft	3	0	0%	8,630	0	0%
		36-60 ft	19	0	0%	59,525	0	0%
	2014	LE 35 ft	10	1	10%	27,522	6,297	23%
		Freezer	8	0	0%	17,099		0%
		GT 60 ft	5	1	20%	10,728	536	5%
		36-60 ft	24	4	17%	70,367	12,303	17%
	1995	LE 35 ft	7	2	29%	20,595	7,316	36%
		Freezer	7	4	57%	133,452	121,555	91%
		GT 60 ft	2	0	0%	10,446	0	0%
		36-60 ft	3	1	33%	6,977	2,260	32%
	1996	Freezer	8	3	38%	182,276	70,461	39%
		GT 60 ft	11	0	0%	7,146	0	0%
		36-60 ft	6	2	33%	8,968	2,705	30%
	1997	Freezer	6	1	17%	112,439	65,906	59%
		GT 60 ft	6	0	0%	20,607	0	0%
		36-60 ft	7	0	0%	50,755	0	0%
		LE 35 ft	1	1	100%	1,987	1,987	100%
	1998	Freezer	7	3	43%	130,599	81,532	62%
		36-60 ft	5	2	40%	43,726	21,966	50%
		LE 35 ft	2	1	50%	8,728	2,102	24%
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	7	1	14%	110,751	15,000	14%
		GT 60 ft	2	0	0%	14,259	0	0%
		36-60 ft	5	3	60%	23,783	13,421	56%
		LE 35 ft	2	0	0%	4,238	0	0%
	2001	Freezer	7	1	14%	128,351	56,139	44%
		GT 60 ft	2	0	0%	58,876	0	0%
		36-60 ft	4	0	0%	114,129	0	0%
		LE 35 ft	1	0	0%	1,072	0	0%
	2002	Freezer	8	2	25%	114,648	65,126	57%
		GT 60 ft	3	2	67%	60,875	17,628	29%
		36-60 ft	5	0	0%	125,852	0	0%

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
		LE 35 ft	2	0	0%	5,811	0	0%
	2003	Freezer	7	1	14%	111,939	58,028	52%
		GT 60 ft	2	0	0%	114,179	0	0%
		36-60 ft	5	0	0%	124,785	0	0%
		LE 35 ft	1	0	0%	4,791	0	0%
	2004	Freezer	6	1	17%	131,576	64,259	49%
		GT 60 ft	3	0	0%	165,454	0	0%
		36-60 ft	2	0	0%	14,218	0	0%
		LE 35 ft	2	0	0%	6,542	0	0%
	2005	Freezer	5	1	20%	113,148	5,372	5%
		GT 60 ft	2	0	0%	155,153	0	0%
		36-60 ft	2	0	0%	8,649	0	0%
		LE 35 ft	2	0	0%	6,752	0	0%
	2006	Freezer	5	2	40%	109,529	69,940	64%
		GT 60 ft	1	0	0%	51,124	0	0%
		36-60 ft	2	0	0%	21,508	0	0%
		LE 35 ft	1	0	0%	1,345	0	0%
	2007	Freezer	4	1	25%	108,279	67,189	62%
		GT 60 ft	1	0	0%	53,153	0	0%
		36-60 ft	5	0	0%	37,532	0	0%
		LE 35 ft	2	0	0%	5,224	0	0%
	2008	Freezer	4	1	25%	100,162	62,112	62%
		GT 60 ft	4	1	25%	87,549	5,562	6%
		36-60 ft	21	2	10%	208,185	9,438	5%
		LE 35 ft	6	4	67%	32,750	22,353	68%
	2009	Freezer	5	1	20%	96,099	55,649	58%
		GT 60 ft	4	1	25%	70,715	33,543	47%
		36-60 ft	30	2	7%	328,366	8,447	3%
		LE 35 ft	12	0	0%	61,301	0	0%
	2010	Freezer	5	2	40%	84,953	51,516	61%
		GT 60 ft	3	1	33%	24,798	3,937	16%
		36-60 ft	32	1	3%	324,148	2,552	1%
		LE 35 ft	8	0	0%	39,244	0	0%
	2011	Freezer	4	0	0%	24,020	0	0%
		GT 60 ft	5	0	0%	24,703	0	0%
		36-60 ft	32	0	0%	257,883	0	0%
		LE 35 ft	9	0	0%	37,703	0	0%
	2012	Freezer	5	0	0%	23,199	0	0%
		GT 60 ft	7	0	0%	73,645	0	0%
		36-60 ft	34	1	3%	277,960	8,317	3%
		LE 35 ft	10	0	0%	30,711	0	0%
	2013	Freezer	2	0	0%	16,707	0	0%
		GT 60 ft	5	0	0%	50,029	0	0%
		36-60 ft	36	1	3%	311,161	27,753	9%
		LE 35 ft	6	1	17%	26,816	5,860	22%
	2014	Freezer	2		0%	11,084		0%
		GT 60 ft	5	1	20%	43,482	10,655	25%
		36-60 ft	45	2	4%	182,574	21,786	12%
		LE 35 ft	10		0%	25,006		0%
3B	1995	Freezer	5	3	60%	33,412	13,373	40%
	1996	Freezer	6	3	50%	48,805	5,375	11%
		GT 60 ft	8	0	0%	489	0	0%
	1997	Freezer	5	1	20%	56,108	19,058	34%

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
		GT 60 ft	2	0	0%	7,345	0	0%
		36-60 ft	2	0	0%	8,381	0	0%
	1998	Freezer	5	2	40%	67,754	52,070	77%
		36-60 ft	2	0	0%	33,968	0	0%
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	Freezer	6	1	17%	171,123	15,645	9%
		GT 60 ft	0	0	0%	0	0	0%
		36-60 ft	1	0	0%	24,219	0	0%
	2001	Freezer	5	0	0%	141,770	0	0%
		GT 60 ft	0	0	0%	0	0	0%
		36-60 ft	2	0	0%	56,395	0	0%
	2002	Freezer	3	1	33%	64,373	6,095	9%
		GT 60 ft	0	0	0%	0	0	0%
		36-60 ft	2	0	0%	58,443	0	0%
	2003	Freezer	5	0	0%	75,875	0	0%
		GT 60 ft	1	0	0%	17,395	0	0%
		36-60 ft	2	0	0%	58,124	0	0%
	2004	Freezer	3	0	0%	87,592	0	0%
		GT 60 ft	1	0	0%	25,550	0	0%
		36-60 ft	2	0	0%	101,152	0	0%
	2005	Freezer	3	1	33%	45,557	27,665	61%
		GT 60 ft	1	0	0%	21,514	0	0%
		36-60 ft	4	0	0%	114,474	0	0%
	2006	Freezer	3	1	33%	49,429	22,848	46%
		GT 60 ft	5	0	0%	49,788	0	0%
		36-60 ft	7	0	0%	106,537	0	0%
	2007	Freezer	3	1	33%	41,748	19,419	47%
		GT 60 ft	4	0	0%	56,222	0	0%
		36-60 ft	0	0	0%	0	0	0%
	2008	Freezer	2	1	50%	27,995	22,957	82%
		GT 60 ft	5	0	0%	57,370	0	0%
		36-60 ft	10	1	10%	75,224	8,241	11%
		LE 35 ft	2	2	100%	19,650	19,650	100%
	2009	Freezer	2	1	50%	27,995	22,957	82%
		GT 60 ft	8	0	0%	47,928	0	0%
		36-60 ft	12	0	0%	70,329	0	0%
		LE 35 ft	3	1	33%	20,054	11,716	58%
	2010	Freezer	2	1	50%	25,427	20,851	82%
		GT 60 ft	5	0	0%	42,749	0	0%
		36-60 ft	9	0	0%	57,657	0	0%
		LE 35 ft	3	0	0%	17,630	0	0%
	2011	Freezer	1	0	0%	3,471	0	0%
		GT 60 ft	3	0	0%	16,591	0	0%
		36-60 ft	7	0	0%	64,677	0	0%
		LE 35 ft	4	0	0%	16,613	0	0%
	2012	Freezer	3	0	0%	24,088	0	0%
		GT 60 ft	5	0	0%	22,685	0	0%
		36-60 ft	11	1	9%	49,900	1,316	3%
		LE 35 ft	3	0	0%	7,387	0	0%
	2013	Freezer	1	0	0%	1,983	0	0%
		GT 60 ft	8	0	0%	37,641	0	0%
		36-60 ft	14	0	0%	82,833	0	0%
		LE 35 ft	4	0	0%	10,753	0	0%
	2014	Freezer	3	1	33%	13,494	2,385	18%

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
4A	1995	GT 60 ft	5	0	0%	23,391	0	0%
		36-60 ft	13	0	0%	52,351	0	0%
		LE 35 ft	4	0	0%	7,179	0	0%
		Freezer	4	2	50%	29,940	14,443	48%
		Freezer	2	0	0%	20,029	0	0%
		GT 60 ft	8	0	0%	298	0	0%
		Freezer	4	1	25%	29,892	11,101	37%
		Freezer	5	2	40%	46,423	27,641	60%
		Freezer	NA	NA	NA	NA	NA	NA
		Freezer	4	0	0%	37,600	0	0%
		Freezer	4	1	25%	52,199	17,627	34%
		Freezer	4	1	25%	49,221	17,627	36%
		Freezer	2	0	0%	26,544	0	0%
		Freezer	2	0	0%	19,161	0	0%
	2005	36-60 ft	1	0	0%	24,179	0	0%
		Freezer	2	1	50%	18,721	6,590	35%
		LE 35 ft	1	0	0%	6,327	0	0%
	2006	Freezer	2	2	100%	17,928	17,928	100%
	2007	Freezer	2	2	100%	15,357	15,357	100%
	2008	Freezer	1	1	100%	10,932	10,932	100%
	2009	GT 60 ft	0	0	0%	0	0	NA
		36-60 ft	3	0	0%	35,203	0	0%
		LE 35 ft	1	0	0%	5,983	0	0%
		Freezer	1	0	0%	8,993	0	0%
		GT 60 ft	2	0	0%	5,622	0	0%
		36-60 ft	6	0	0%	51,875	0	0%
		LE 35 ft	3	0	0%	21,544	0	0%
		Freezer	1	0	0%	8,217	0	0%
		GT 60 ft	1	0	0%	10,228	0	0%
		36-60 ft	3	0	0%	12,925	0	0%
	2010	LE 35 ft	2	0	0%	12,627	0	0%
		Freezer	0	0	0%	0	0	NA
		GT 60 ft	3	0	0%	39,317	0	0%
		36-60 ft	4	0	0%	16,876	0	0%
	2011	LE 35 ft	4	0	0%	17,768	0	0%
		Freezer	1	0	0%	4,829	0	0%
		GT 60 ft	3	0	0%	28,062	0	0%
		36-60 ft	6	0	0%	16,264	0	0%
	2012	LE 35 ft	3	0	0%	20,020	0	0%
		Freezer		0	0%		0	NA
		GT 60 ft	5	0	0%	41,604	15,861	38%
		36-60 ft	8	0	0%	19,882	0	0%
	2013	LE 35 ft	2	0	0%	16,159	0	0%
		Freezer	1	0	0%	2,620	0	0%
		GT 60 ft	4	0	0%	16,379	0	0%
		36-60 ft	6	0	0%	8,755	0	0%
	2014	LE 35 ft	1	0	0%	1,930	0	0%
		Freezer	2	1	50%	35,066	28,178	80%
		GT 60 ft	1	0	0%	9,813	0	0%
		Freezer	NA	NA	NA	NA	NA	NA
4B	1999	Freezer	2	0	0%	39,480	0	0%
	2000	Freezer	1	0	0%	20,110	0	0%
	2001	Freezer	1	0	0%	16,902	0	0%
	2002	Freezer	1	0	0%	16,902	0	0%
	2003	Freezer	1	0	0%	16,712	0	0%

Area	Year	Vessel Category	Number of Leases	Number of Priced Leases	Pct Priced Leases	All Leased IFQ	All IFQ In Priced Leases	Pct. IFQ In Priced Leases
4C	2005	Freezer	1	0	0%	8,453	0	0%
	2006	Freezer	1	0	0%	6,840	0	0%
	2009	36-60 ft	1	0	0%	13,131	0	0%
	2010	GT 60 ft	2	0	0%	7,612	0	0%
	2011	36-60 ft	1	0	0%	7,487	0	0%
	2012	Freezer	1	0	0%	6,681	0	0%
		GT 60 ft	2	0	0%	28,072	0	0%
		36-60 ft	1	0	0%	12,908	0	0%
	2013	GT 60 ft	3	0	0%	29,787	5,063	17%
		36-60 ft	2	0	0%	19,974	4,980	25%
	2014	GT 60 ft	5	0	0%	40,139	0	0%
		36-60 ft	4	0	0%	27,249	0	0%
		LE 35 ft	1	0	0%	2,513		0%
	1999	Freezer	NA	NA	NA	NA	NA	NA
	2000	36-60 ft	1	0	0%	44,708	0	0%
	2001	36-60 ft	1	0	0%	44,708	0	0%
	2007	LE 35 ft	2	0	0%	74,974	0	0%
	2008	LE 35 ft	2	0	0%	80,539	0	0%
	2009	Freezer	1	0	0%	3,361	0	0%
		LE 35 ft	2	0	0%	69,052	0	0%
	2010	Freezer	1	0	0%	3,819	0	0%
		LE 35 ft	2	0	0%	73,059	0	0%
	2011	Freezer	1	0	0%	3,590	0	0%
		LE 35 ft	2	0	0%	76,942	0	0%
	2012	GT 60 ft	1	0	0%	4,641	0	0%
		36-60 ft	1	0	0%	4,035	0	0%
		LE 35 ft	2	0	0%	42,018	0	0%
	2013	GT 60 ft	1	0	0%	13,689	0	0%
		36-60 ft	1	0	0%	3,130	0	0%
		LE 35 ft	2	0	0%	23,578	0	0%
	2014	36-60 ft	1	0	0%	2,174	0	0%
		LE 35 ft	1	0	0%	16,375	0	0%
4D	1997	Freezer	4	1	25%	67,363	27,952	41%
	1998	Freezer	3	3	100%	65,196	65,196	100%
	2012	GT 60 ft	1	0	0%	30,450	0	0%
	2013	GT 60 ft	1	0	0%	25,753	0	0%
	2014	GT 60 ft	1	0	0%	16,405	0	0%

Table 4-5 provides information on priced halibut lease transactions only. In addition to price data the table provides information on the number of priced lease transactions, the amount of QS involved in the lease, the average QS per lease, the amount of IFQ associated with the lease, and the average IFQ per lease by area and vessel category.

Where sufficient observations are available to preserve confidentiality, average lease prices are reported. Prices are reported in dollars per leased QS unit and in dollars per pound of IFQ leased. Prices per pound of IFQ leased are comparable across areas within a year.

As can be seen, there are not enough priced observations in most categories to report an average price. Since there are so few priced lease transactions, the reader should view the data presented with caution.

The only reportable average lease prices are for freezer vessel QS in areas 2C and 3A. In 1995, the average lease price for freezer (harvester-processor) QS in area 3A in terms of dollars per pound of IFQ and per QS unit were lower than in 2C.

Prices over “all” areas are reported in the last rows of the table for each year from 1995 through 2014. Again, prices can only be reported for the freezer vessel category.

Average prices for the lease of freezer vessel QS decreased from \$1.04 per pound of IFQ in 1995 to \$.99 per pound of IFQ in 1996. Freezer vessel QS lease prices then decreased to \$.67 per pound of halibut IFQ in 1997 and to \$.36 per pound of IFQ in 1998 but was at 1.58 in 2005.

Table 4-5 Average Prices For Halibut QS Priced Leases By Area and Vessel Category, 1995-2014

Area	Year	Vessel Category	Average Lease \$/IFQ	Average Lease \$/QS	IFQ In Priced Leases	Average IFQ Per Lease	QS in Priced Leases	Average QS Per Lease	Number of Leases
2C	1995	Freezer	1.04	0.16	25,041	5,008	166,530	33,306	5
	1996	Freezer	C	C	10,528	5,264	67,198	33,599	2
		36-60 ft	C	C	2,000	2,000	13,330	13,330	1
	1997	Freezer	C	C	14,424	4,808	81,002	27,001	3
		36-60 ft	C	C	1,520	1,520	8,988	8,988	1
	1998	Freezer	0.6	0.11	38,190	9,548	210,983	52,746	4
		36-60 ft	C	C	16,720	16,720	92,572	92,572	1
		LE 35 ft	C	C	1,421	1,421	7,972	7,972	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2005	Freezer	C	C	10,564	10,564	57,562	57,562	1
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
		LE 35 ft	C	C	23,781	11,891	129,580	64,790	2
	2009	LE 35 ft	C	C	3,403	3,403	40,370	40,370	1
	2010	36-60 ft	C	C	8,079	8,079	109,346	109,346	1
		LE 35 ft	C	C	4,244	4,244	57,441	57,441	1
	2012	36-60 ft	C	C	1,014	1,014	23,013	23,013	1
	2013	LE 35 ft	C	C	6,297	6,297	126,255	126,255	1
	2014	GT 60 ft	C	C	536	536	9,616	9,616	1
		36-60 ft	C	C	7,328	3,664	131,461	65,730	2
		LE 35 ft	C	C	250	250	4,485	4,485	1
3A	1995	Freezer	0.8	0.09	121,555	30,389	1,129,379	282,345	4
		36-60 ft	C	C	2,260	2,260	20,998	20,998	1
	1996	Freezer	C	C	70,461	23,487	658,635	219,545	3
		36-60 ft	C	C	2,705	1,353	66,331	33,166	2
	1997	Freezer	C	C	65,906	65,906	474,202	474,202	1
		LE 35 ft	C	C	1,987	1,987	13,536	13,536	1
	1998	Freezer	C	C	81,532	27,177	559,377	186,459	3
		36-60 ft	C	C	21,966	10,983	151,763	75,882	2
		LE 35 ft	C	C	2,102	2,102	13,536	13,536	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2000	Freezer	C	C	15,000	15,000	151,491	151,491	1
		LE 35 ft	C	C	6,069	3,035	61,293	30,647	2
	2002	Freezer	C	C	7,080	7,080	57,839	57,839	1
	2005	Freezer	C	C	5,372	5,372	39,000	39,000	1
	2008	Freezer	C	C	62,112	62,112	474,206	474,206	1
		GT 60 ft	C	C	5,562	5,562	42,464	42,464	1
		36-60 ft	C	C	2,282	2,282	17,422	17,422	1
		LE 35 ft	C	C	2,617	2,617	19,980	19,980	1

Area	Year	Vessel Category	Average Lease \$/IFQ	Average Lease \$/QS	IFQ In Priced Leases	Average IFQ Per Lease	QS in Priced Leases	Average QS Per Lease	Number of Leases
3B	2009	Freezer	C	C	55,649	55,649	474,202	474,202	1
		36-60 ft	C	C	2,756	2,756	23,485	23,485	1
	2010	Freezer	C	C	51,264	51,264	474,202	474,202	1
		GT 60 ft	C	C	3,937	3,937	36,418	36,418	1
	2013	LE 35 ft	C	C	5,860	5,860	98,214	98,214	1
		GT 60 ft			10,655	10,655	269,213	269,213	1
	2014	LE 35 ft			2,391	2,391	60,412	60,412	1
		Freezer	C	C	13,373	4,458	196,748	65,583	3
	1996	Freezer	C	C	5,375	1,792	75,295	25,098	3
	1997	Freezer	C	C	19,058	19,058	114,159	114,159	1
	1998	Freezer	C	C	52,070	26,035	262,375	131,188	2
	2002	Freezer	C	C	6,095	6,095	19,181	19,181	1
	2005	Freezer	C	C	27,665	27,665	114,157	114,157	1
	2008	Freezer	C	C	22,957	22,957	114,161	114,161	1
		36-60 ft	C	C	8,241	8,241	40,981	40,981	1
	2010	Freezer	C	C	20,851	20,851	114,161	114,161	1
4A	1995	Freezer	C	C	14,443	7,222	110,076	55,038	2
	1997	Freezer	C	C	11,101	11,101	51,441	51,441	1
	1998	Freezer	C	C	27,641	13,821	114,539	57,270	2
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2005	Freezer	C	C	6,590	6,590	27,944	27,944	1
	2007	Freezer	C	C	10,192	10,192	51,443	51,443	1
	2008	Freezer	C	C	10,932	10,932	51,441	51,441	1
	2010	Freezer	C	C	8,217	8,217	51,443	51,443	1
4B	2013	36-60 ft	C	C	15,861	15,861	173,995	173,995	1
	1995	Freezer	C	C	28,178	28,178	140,841	140,841	1
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
4D	1997	Freezer	C	C	27,952	27,952	154,426	154,426	1
	1998	Freezer	C	C	65,196	21,732	268,572	89,524	3
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
All Areas	1995	Freezer	0.84	0.1	202,590	13,506	1,743,574	116,238	15
		36-60 ft	C	C	2,260	2,260	20,998	20,998	1
	1996	Freezer	0.99	0.11	86,364	10,796	801,128	100,141	8
		36-60 ft	C	C	4,705	1,568	79,661	26,554	3
	1997	Freezer	0.67	0.11	138,441	19,777	875,230	125,033	7
		36-60 ft	C	C	1,520	1,520	8,988	8,988	1
		LE 35 ft	C	C	1,987	1,987	13,536	13,536	1
	1998	Freezer	0.36	0.07	264,629	18,902	1,415,846	101,132	14
		36-60 ft	C	C	38,686	12,895	244,335	81,445	3
		LE 35 ft	C	C	3,523	1,762	21,508	10,754	2
	1999	Freezer	NA	NA	NA	NA	NA	NA	NA
	2000	Freezer	C	C	15,000	15,000	151,491	151,491	1
		36-60 ft	C	C	6,069	3,035	61,293	30,647	2
		LE 35 ft	C	C	6,069	3,035	61,293	30,647	2
	2002	Freezer	C	C	13,175	13,175	77,020	38,510	2
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
	2005	Freezer	1.58	0.32	50,191	50,191	238,663	59,666	4
		36-60 ft	C	C	5,732	5,732	31,233	31,233	1
		LE 35 ft	C	C	23,781	11,891	129,580	64,790	2
	2006	36-60 ft	C	C	10,932	10,932	51,441	51,441	1
		LE 35 ft	C	C	8,241	8,241	40,981	40,981	1
	2007	Freezer	C	C	10,192	10,192	51,443	51,443	1

Area	Year	Vessel Category	Average Lease \$/IFQ	Average Lease \$/QS	IFQ In Priced Leases	Average IFQ Per Lease	QS in Priced Leases	Average QS Per Lease	Number of Leases
	2008	Freezer	C	C	96,001	96,001	639,808	639,808	3
		36-60 ft	C	C	5,562	5,562	42,464	42,464	1
		LE 35 ft	C	C	10,523	10,523	58,403	58,403	2
	2009	Freezer	C	C	55,649	55,649	474,202	474,202	1
		36-60 ft	C	C	3,403	3,403	40,370	40,370	1
		LE 35 ft	C	C	6,159	6,159	63,855	63,855	2
	2010	Freezer	C	C	59,481	59,481	525,645	525,645	2
		36-60 ft	C	C	19,798	19,798	210,413	210,413	2
		LE 35 ft	C	C	41,551	32,636	337,589	206,424	1
	2012	LE 35 ft	C	C	1,014	1,014	23,013	23,013	1
	2013	36-60 ft	C	C	15,861	15,861	173,995	173,995	1
		LE 35 ft	C	C	9,993	4,997	68,314	34,157	1
	2014	GT 60 ft	C	C	10,035	10,035	88,498	88,498	3
		36-60 ft	C	C	7,328	3,664	131,461	65,730	2
		LE 35 ft	C	C	2,641	2,641	64,897	64,897	2

5 Halibut: Types of Transfers, Financing of Transfers, Relationships between Transferors and Transfer Recipients, and Use of Brokers

This chapter uses information collected during QS transfers to classify transactions by type of transaction.

Transfers were classified as “priced sales,” “gifts,” “other sales,” “trades,” and “unknown.” This chapter also examines the extent to which different financing sources were used in priced sales transfers, the relationships between parties to transfers, and the extent to which brokers are involved in transfers. All permanent transfers or leases of QS must be reviewed and approved by NMFS-RAM. Persons involved in the transfer or lease of QS are required to complete and submit a transfer application to NMFS-RAM. Part of this application is to be filled out by the transferor, and part of it is to be filled out by the transfer recipient. In some cases, brokers who are the marketers for the transactions help to complete these forms.

The transfer application form asks some basic questions to help NMFS monitor changes under the IFQ program although some questions changed overtime. Appendix II provides copies of the transfer applications used from 1995, 1998 and 2015. Data from the transfer application files are sources for the analyses in this chapter.³⁹

Due to a significant database change, 1999 data are not available in the following tables.

5.1 Sales, Gifts, Trades, and Other Transfers

In the early program years, the transfer application form does not specifically ask if a QS transfer is a sale, gift, or trade. Without this information, the authors had to use other available information and some decision criteria to decide how transactions should be classified. For example, on the transfer application persons often indicated whether or not a transfer was a gift when they answered one of the open-ended questions such as, “*What is your reason for transferring the QS and/or the IFQ...?*” and “*If this is a purchase of QS or IFQ, how are you financing the purchase...?*” Respondents would often answer these questions by writing in “gift,” “gift transfer,” “gift to son,” or a similar answer.

The transfer transactions were divided into one of five categories:

<i>Priced sales</i>	A price for the QS transferred was listed on the transfer application form.
<i>Other sales</i>	Some monetary exchange occurred but during a transfer NMFS-RAM could not calculate a price for the QS, based on application data.
<i>Trades</i>	Something was traded for the QS during a transfer.
<i>Gifts</i>	A QS transfer is noted as a gift with no evidence of a reciprocal exchange.
<i>Unknown</i>	Insufficient or no information was provided or to classify a transaction.

In 1997 NMFS-RAM revised their transfer application forms to provide more detail on gift and trade transactions. Because of these changes in 1997, the percentage of observations assigned to the “unknown transaction type” category was smaller, and the percentage assigned to “gifts” and “trades” was higher. Because of these refinements, the data series are not highly comparable between 1995–96 and 1997 - 2015. Although other application question changes were made over time they did not separately affect classification of transfers in these groups throughout these changes. The number of observations assigned to the “priced” category was not affected and this series should be comparable across the entire 1995-2014 period.

³⁹ There has been some changes in the survey from one year to another. These are discussed in this chapter where they may be significant.

Table 5-1a provides data on the amount of QS transferred in permanent transactions from 1995 through 2014 by management area and the type of exchange. The first columns show the total amount of QS transferred in priced sales and the percent of all QS transferred that was transferred in priced sale.⁴⁰ The remaining columns show the amount and the percentage of each area's QS transferred in "other sales," "trades," "gifts," and "unknown" transaction types. As noted earlier, because of changes in the available data it is difficult to interpret the changes in the percentage of "gifts," "trades," and "unknown". In 1997 to 2011, the percentage of QS transferred in "other sales" ranged from zero in a number of area-year combinations to 4.7 in Area 4D. The percentage of QS transferred in "trades" ranged from zero in several area-year combinations to 3.6 average in Area 4C. The percentage of QS transferred as "gifts" ranged from zero in some area-year combinations to 22.3 average in Area 2C. The percentage of QS transferred in "unknown" transaction types ranged from zero in three area-year combinations up to average of 8.3 in Area 4C.⁴¹

Permanent transfers occurred in all areas during the nineteen year period including Area 4E, where 100 of the TAC has been devoted to CDQs. The only transfers of Area 4E QS occurred in 1997, 2003 and 2011.

"Priced sales" was the most important category of permanent transfers. In seven of the eight management areas priced sales accounted for most of the QS transferred during the nineteen year period. In seven of these areas priced sales accounted for over two-thirds of the transfers, and in four of them, priced sales accounted for almost three-quarters of the QS transferred.

The total percentages of QS transferred through sales are higher than indicated by the table for priced sales, since the "other sales" category and probably some of the "unknown" transfers were also sales transactions.

Table 5-1b provides information on the number and percentage of halibut transfer transactions (as opposed to QS transferred) that were classified as priced sales, other sales, trades, gifts, or unknown. Transfer transactions are distributed roughly in the same fashion as QS transferred. However, differences exist because the amount of QS transferred can vary widely across transaction.

⁴⁰ These tables reflect QS transferred one or more times. Therefore the apparent percentage of the entire QS "pool" (total units issued) transferred over time is higher than the actual percentage of unique QS units transferred either annually or over time.

⁴¹ Assignments to different transaction types is complicated by changes in the transfer form between years (as well as by the changes in the data available on the NMFS-RAM computerized data set as described in the text).

Table 5-1a. Halibut QS Transfer Activity (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS	Transferred
2C	1995	7,773,214	74.1	198,919	1.9	176,045	1.7	1,514,896	14.4	825,463	7.9		10,488,537
	1996	7,007,947	78.1	0	0.0	171,487	1.9	153,450	1.7	1,637,437	18.3		8,970,321
	1997	4,511,763	75.8	69,947	1.2	268,031	4.5	741,390	12.5	361,133	6.1		5,952,264
	1998	2,399,645	66.6	1,135	0.0	235,804	6.5	360,068	10.0	605,639	16.8		3,602,291
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
	2000	4,371,797	69.5	239,670	3.8	161,979	2.6	1,399,906	22.2	119,877	1.9		6,293,229
	2001	3,702,536	73.9	34,288	0.7	72,504	1.4	1,148,524	22.9	53,876	1.1		5,011,728
	2002	3,467,218	71.6	41,795	0.9	96,736	2.0	1,201,290	24.8	33,795	0.7		4,840,834
	2003	3,072,067	63.2	21,179	0.4	176,985	3.6	1,498,573	30.8	89,923	1.9		4,858,727
	2004	2,787,709	64.9	0	0.0	43,457	1.0	1,463,102	34.1	0	0.0		4,294,268
	2005	2,763,448	58.0	17,515	0.4	351,250	7.4	1,635,674	34.3	0	0.0		4,767,887
	2006	2,173,368	58.6	166,925	4.5	19,631	0.5	1,347,039	36.3	3,012	0.1		3,709,975
	2007	2,394,026	60.9	1,520	0.0	0	0.0	1,537,292	39.1	0	0.0		3,932,838
	2008	2,682,346	69.0	7,971	0.2	0	0.0	1,199,273	30.8	0	0.0		3,889,590
	2009	1,360,588	53.7	86,438	3.4	0	0.0	1,067,931	42.1	19,353	0.8		2,534,310
	2010	2,908,020	74.9	8,527	0.2	0	0.0	965,529	24.9	0	0.0		3,882,076
	2011	969,847	74.5	0	0.0	0	0.0	252,718	19.4	79,678	6.1		1,302,243
	2012	1,601,899	75.1	27,459	1.3	0	0.0	503,774	23.6	0	0.0		2,133,132
	2013	2,176,258	73.4	52,771	1.8	0	0.0	737,605	24.9	0	0.0		2,966,634
	2014	2,084,316	65.2	186,863	5.8	0	0.0	861,330	26.9	66,111	2.1		3,198,620
	All	60,208.01	69.5	1,162.92	1.3	1,773.90	2.0	19,589.36	22.6	3,895,297	4.5		86,629,504
3A	1995	18,999.54	66.5	2,230.43	7.8	290,277	1.0	2,769,852	9.7	4,267,380	14.9		28,557,489
	1996	22,181.62	83.3	37,440	0.1	785,973	3.0	143,582	0.5	3,478,173	13.1		26,626,791
	1997	14,230.47	76.7	179,057	1.0	867,882	4.7	2,024,219	10.9	1,259,164	6.8		18,560,798
	1998	7,253,924	63.8	109,517	1.0	141,998	1.2	1,199,753	10.5	2,669,792	23.5		11,374,984
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
	2000	10,228.87	72.50	129,574	0.9	178,628	1.30	3,159,628	22.4	407,631	2.90		14,104,337
	2001	9,475,925	73.9	589,354	4.6	341,855	2.7	1,609,849	12.6	807,513	6.3		12,824,496
	2002	9,769,330	75.2	98,476	0.8	0	0.0	2,612,889	20.1	509,594	3.9		12,990,289
	2003	7,321,094	67.9	79,732	0.7	232,393	2.2	3,142,459	29.2	0	0.0		10,775,678
	2004	8,235,177	77.4	0	0.0	119,911	1.1	2,259,543	21.2	23,351	0.2		10,637,982
	2005	4,387,887	57.5	23,603	0.3	584,557	7.7	2,507,910	32.9	127,375	1.7		7,631,332
	2006	7,450,660	81.9	0	0.0	31,072	0.3	1,489,408	16.4	122,442	1.3		9,093,582
	2007	7,779,429	68.8	4,468	0.0	105,865	0.9	3,296,401	29.1	122,442	1.1		11,308,605
	2008	5,502,445	64.6	0	0.0	0	0.0	3,020,932	35.4	0	0.0		8,523,377
	2009	3,088,357	61.3	391,276	7.8	0	0.0	1,497,203	29.7	60,209	1.2		5,037,045
	2010	4,289,718	69.4	0	0.0	0	0.0	1,892,096	30.6	0	0.0		6,181,814
	2011	4,973,177	59.6	0	0.0	0	0.0	3,258,872	39.1	109,705	1.3		8,341,754
	2012	2,826,578	74.6	94,412	2.5	0	0.0	865,812	22.9	0	0.0		3,786,802
	2013	2,618,563	51.8	250,293	5.0	0	0.0	2,115,522	41.9	68,542	1.4		5,052,920

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
3A	2014	5,056,650	57.8	153,529	1.8		0.0	3,493,590	39.9	50,041	0.6	8,753,810
Cont.	All Yrs	155,669,436	70.7	4,371,164	2.0	3,680,411	1.7	42,359,520	19.2	14,083,354	6.4	220,163,885
3B	1995	4,229,422	57.7	904,372	12.3	388,135	5.3	615,027	8.4	1,195,184	16.3	7,332,140
	1996	6,146,138	81.1	0	0.0	89,174	1.2	28,609	0.4	1,312,225	17.3	7,576,146
	1997	5,158,985	71.8	175,493	2.4	525,449	7.3	649,452	9.0	675,005	9.4	7,184,384
	1998	1,540,637	50.1	135,300	4.4	207,859	6.8	462,797	15.0	730,768	23.7	3,077,361
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	2,746,740	69.7	194,499	4.9	143,455	3.6	834,490	21.2	20,130	0.5	3,939,314
	2001	2,959,121	68.9	0	0.0	106,247	2.5	775,475	18.0	456,712	10.6	4,297,555
	2002	2,870,330	74.1	197,687	5.1	53,767	1.4	732,510	18.9	16,937	0.4	3,871,231
	2003	3,446,269	68.3	72,162	1.4	163,157	3.2	1,361,051	27.0	0	0.0	5,042,639
	2004	2,184,348	68.6	60,950	1.9	0	0.0	934,073	29.4	2,638	0.1	3,182,009
	2005	2,846,210	67.8	71,788	1.7	156,081	3.7	1,082,625	25.8	40,528	1.0	4,197,232
	2006	2,645,488	72.2	215,788	5.9	3,955	0.1	799,343	21.8	0	0.0	3,664,574
	2007	2,257,738	62.4	3,042	0.1		0.0	1,356,887	37.5		0.0	3,617,667
	2008	1,201,409	53.1	802	0.0		0.0	1,058,301	46.8		0.0	2,260,512
	2009	711,572	53.3	190,411	14		0.0	405,519	30.4	28,372	2.1	1,335,874
	2010	931,728	52.4		0.0		0.0	845,396	47.6		0.0	1,777,124
	2011	1,788,177	70.3		0.0		0.0	753,940	29.7		0.0	2,542,117
	2012	851,282	51.0		0.0		0.0	816,521	49.0		0.0	1,667,803
	2013	912,166	55.7	340,934	21		0.0	385,747	23.5		0.0	1,638,847
	2014	2,164,051	73.9	41,264	1.4		0.0	639,056	21.8	82,564	2.8	2,926,935
	All Yrs	47,591,811	66.9	2,604,492	3.7	1,837,279	2.6	14,536,819	20.4	4,561,063	6.4	71,131,464
4A	1995	1,070,055	60.9	201,211	11.5	0	0.0	119,121	6.8	366,648	20.9	1,757,035
	1996	1,577,259	76.2	208,196	10.1	116	0.0	0	0.0	284,322	13.7	2,069,893
	1997	2,316,688	67.3	62,852	1.8	349,486	10.1	389,061	11.3	326,065	9.5	3,444,152
	1998	644,600	71.2	0	0.0	5,138	0.6	159,045	17.6	97,060	10.7	905,843
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	2,380,593	83.1	63,837	2.2	0	0.0	401,986	14.0	19,156	0.70	2,865,572
	2001	1,129,983	70.0	22,496	1.4	48,299	3.0	372,849	23.1	39,849	2.5	1,613,476
	2002	1,108,465	62.1	0	0.0	87,549	4.9	589,410	33.0	0	0.0	1,785,424
	2003	1,344,962	89.8	0	0.0	2,432	0.2	150,020	38.2	0	0.0	1,497,414
	2003	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2004	1,804,250	82.5	0	0.0	0	0.0	383,734	17.5	0	0.0	2,187,984
	2005	505,544	46.7	71,788	0.0	0	0.0	505,544	46.7	674	0.1	1,083,550
	2006	1,635,045	87.1	0	0.0	0	0.0	242,930	12.9	0	0.0	1,877,975
	2007	2,755,812	78.6	79	0.0	107,523	3.1	642,448	18.3	0	0.0	3,505,862
	2008	1,278,753	70.1	0	0.0	0	0.0	544,523	29.9	0	0.0	1,823,276
	2009	453,569	85.3	0	0.0	0	0.0	78,220	14.7	0	0.0	531,789
	2010	1,147,723	80.5	0	0.0	114,152	8.0	164,530	11.5	0	0.0	1,426,405
	2011	718,889	55.8	0	0.0	0	0.0	540,291	42.0	28,419	2.2	1,287,599
	2012	614,266	61.8	0	0.0	0	0.0	380,074	38.2	0	0.0	994,340
	2013	326,775	60.8	0	0.0	0	0.0	210,587	39.2	0	0.0	537,362
	2014	367,074	84.8	0	0.0	0	0.0	65,939	15.2	0	0.0	433,013
	All Yrs	22,110,250	74.0	429,248	1.4	714,695	2.4	5,821,191	19.5	795,545	2.7	29,870,929
4B	1995	173,523	42.4	113,315	27.7	28,764	7.0	0	0.0	93,396	22.8	408,998
	1996	260,336	60.2	0	0.0	0	0.0	0	0.0	172,108	39.8	432,444
	1997	1,333,289	74.1	0	0.0	0	0.0	417,052	23.2	49,203	2.7	1,799,544
	1998	344,836	59.5	0	0.0	111,364	19.2	123,641	21.3	0	0.0	579,841
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
4B Cont.	2000	1,500,161	78.3	0	0.0	0	0.0	294,085	15.4	120,661	6.3	1,914,907
	2001	1,203,817	89.5	0	0.0	0	0.0	80,548	6.0	60,281	4.5	1,344,646
	2002	641,615	95.2	0	0.0	0	0.0	32,146	4.8	0	0.0	673,761
	2003	1,293,645	93.2	0	0.0	0	0.0	94,562	6.8	0	0.0	1,388,207
	2004	985,437	76.6	0	0.0	0	0.0	300,814	23.4	0	0.0	1,286,251
	2005	658,055	87.7	0	0.0	0	0.0	91,959	12.3	0	0.0	750,014
	2006	348,333	63.6	0	0.0	0	0.0	199,382	36.4	0	0.0	547,715
	2007	456,254	38.7	35,629	3.0	0	0	686,635	0	0	0.0	1,178,518
	2008	1,118,724	96.7	0	0.0	0	0	38,227	0	0	0.0	1,156,951
	2009	1,142,203	93.6	0	0.0	0	0	77,856	0	0	0.0	1,220,059
	2010	190,900	35.7	0	0.0	263,268	49.3	80,006	15.0	0	0.0	534,174
	2010	190,900	35.7	0	0.0	263,268	49.3	80,006	15.0	0	0.0	534,174
	2011	1,042,442	77.1	0	0.0	0	0.0	310,023	22.9	0	0.0	1,352,465
	2012	460,815	71.4	0	0.0	0	0.0	184,564	28.6	0	0.0	645,379
	2013	250,300	100.0	0	0.0	0	0.0	0	0.0	0	0.0	250,300
	2014	442,958	37.4	234,159	19.8	0	0.0	506,134	42.8	0	0.0	1,183,251
	All Yrs	13,847,643	74.3	383,103	2.1	403,396	2.2	3,517,634	18.9	495,649	2.7	18,647,425
4C.	1995	0	0.0	0	0.0	0	0.0	18,876	17.9	86,454	82.1	105,330
	1996	0	0.0	0	0.0	200,534	32.6	0	0.0	413,912	67.4	614,446
	1997	336,313	88.5	0	0.0	0	0.0	43,750	11.5	0	0.0	380,063
	1998	213,635	100.0	0	0.0	0	0.0	0	0.0	0	0.0	213,635
	1999	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2000	186,389	83.7	0	0.0	0	0.0	36,352	16.3	0	0.0	222,741
	2001	720,578	100.0	0	0.0	0	0.0	0	0.0	0	0.0	720,578
	2002	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	463,048	100.0	0	0.0	0	0.0	0	0.0	0	0.0	463,048
	2004	379,272	100.0	0	0.0	0	0.0	0	0.0	0	0.0	379,272
	2005	383,147	90.5	0	0.0	0	0.0	40,329	9.5	0	0.0	423,476
	2006	0	0.0	0	0.0	0	0.0	32,196	100.0	0	0.0	32,196
	2007	387,573	96.0	0	0.0	0	0.0	16,266	4.0	0	0.0	403,839
	2008	436,866	91.4	0	0.0	0	0.0	40,867	8.6	0	0.0	477,733
	2009	374,411	64.6	0	0.0	0	0.0	205,089	35.4	0	0.0	579,500
	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2011	554,708	100.0	0	0.0	0	0.0	0	0.0	0	0.0	554,708
	2012	0	0.0	0	0.0	0	0.0	29,267	100.0	0	0.0	29,267
	2013	64,644	22.7	0	0.0	0	0.0	220,477	77.3	0	0.0	285,121
	2014	147,877	100.0	0	0.0	0	0.0	0	0.0	0	0.0	147,877
	All Yrs	4,648,461	77.1	0	0.0	200,534	3.3	683,469	11.3	500,366	8.3	6,032,830
4D	1995	0	0.0	0	0.0	0	0.0	0	0.0	109,563	100	109,563
	1996	267,536	61.1	170,632	38.9	0	0.0	0	0.0	0	0.0	438,168
	1997	771,407	67.1	129,632	11.3	120,070	10.4	53,780	4.7	75,555	6.6	1,150,444
	1998	264,554	81.9	0	0.0	0	0.0	0	0.0	58,618	18.1	323,172
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	739,320	100.0	0	0.0	0	0.0	0	0.0	0	0.0	739,320
	2001	747,764	89.3	44,173	5.3	45,877	5.5	0	0.0	0	0.0	837,814
	2002	799,191	83.9	0	0.0	0	0.0	153,154	16.1	0	0.0	952,345
	2003	508,543	84.3	0	0.0	0	0.0	94,032	15.7	0	0.0	602,575
	2004	328,087	100.0	0	0.0	0	0.0	0	0.0	0	0.0	328,087
	2005	105,158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	105,158

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
4D Cont.	2006	0	0	0	0	0	0.0	0	0	0	0.0	0
	2007	475,193	100.0	0	0.0	0	0.0	0	0.0	0	0.0	475,193
	2008	59,427	100.0	0	0.0	0	0.0	0	0.0	0	0.0	59,427
	2009	52,298	100.0	0	0.0	0	0.0	0	0.0	0	0.0	52,298
	2010	36,174	8.8	0	0.0	376,225	91.2	0	0.0	0	0.0	412,399
	2011	734,870	79.0	0	0.0	0	0.0	194,774	21.0	0	0.0	929,644
	2012	77,785	100.0	0	0.0	0	0.0	0	0.0	0	0.0	77,785
	2013	30,370	100.0	0	0.0	0	0.0	0	0.0	0	0.0	30,370
	2014	100,842	95.0	5,350	5.0	0	0.0	0	0.0	0	0.0	106,192
	All Yrs	6,098,518	81.1	349,787	4.7	542,172	7.2	496,640	6.6	243,736	3.2	7,516,506
4E	1997	0	0.0	0	0.0	0	0.0	0	0.0	1,856	100	1,856
	2003	0	0.0	698	100.0	0	0.0	0	0.0	0	0.0	698
	2011	0	0.0	0	0.0	84	100.0	0	0.0	0	0.0	84
	All Yrs	0	0.0	698	27.3	0	0.0	0	0.0	1,856	72.7	2,554

Note: NA indicates data not available

Table 5-1b Number of Halibut QS Transfer (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
2C	1995	354	77.8	9	2.0	12	2.6	49	10.8	31	6.8	455
	1996	366	76.9	0	0.0	11	2.3	7	1.5	92	19.3	476
	1997	288	78.5	3	0.8	11	3.0	41	11.2	24	6.5	367
	1998	142	66.0	1	0.5	36	16.7	16	7.4	20	9.3	215
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	142	71.4	4	2.0	4	2.0	47	23.6	2	1.0	199
	2001	142	75.9	3	1.6	3	1.6	38	20.3	1	0.5	187
	2002	119	73.9	2	1.2	4	2.5	34	21.1	2	1.2	161
	2003	137	72.5	2	1.1	3	1.6	46	24.3	1	0.5	189
	2004	131	73.6	0	0.0	2	1.1	45	25.3	0	0.0	178
	2005	108	70.1	2	1.3	3	1.9	41	26.6	0	0.0	154
	2006	106	69.7	5	3.3	2	1.3	38	25.0	1	0.7	152
	2007	119	72.1	2	1.2	0	0.0	44	26.7	0	0.0	165
	2008	130	74.7	1	0.6	0	0.0	43	24.7	0	0.0	174
	2009	45	60.8	3	4.1	0	0.0	26	35.1	0	0.0	74
	2010	105	75.0	2	1.4	0	0.0	33	23.6	0	0.0	140
	2011	55	80.9	0	0.0	0	0.0	12	17.6	1	1.5	68
	2012	65	73.0	1	1.1	0	0.0	23	25.8	0	0.0	89
	2013	72	74.2	1	1.0	0	0.0	24	24.7	0	0.0	97
	2014	69	65.7	5	4.8	0	0.0	29	27.6	2	1.9	105
	All Yrs	2,695	73.9	46	1.3	91	2.5	636	17.4	177	4.9	3,645
3A	1995	401	74.1	20	3.7	9	1.7	63	11.6	48	8.9	541
	1996	475	79.2	1	0.2	24	4.0	6	1.0	94	15.7	600
	1997	392	75.8	4	0.8	16	3.1	72	13.9	33	6.4	517
	1998	209	73.9	1	0.4	4	1.4	36	12.7	33	11.7	283

Table 5-1b Number of Halibut QS Transfer (QS units) by Area, Year, and Type

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	167	73.2	4	1.8	3	1.3	48	21.1	6	2.6	228
	2001	187	78.2	4	1.7	2	0.8	37	15.5	9	3.8	239
	2002	180	73.5	3	1.2	0	0.0	57	23.3	5	2.0	245
	2003	183	73.5	3	1.2	4	1.6	59	23.7	0	0.0	249
	2004	198	77.0	0	0.0	4	1.6	54	21.0	1	0.4	257
	2005	139	69.5	1	0.5	4	2.0	54	27.0	2	1.0	200
	2006	170	80.2	0	0.0	1	0.5	38	17.9	3	1.4	212
	2007	226	72.4	2	0.6	1	0.3	83	26.6	0	0.0	312
	2008	177	71.4	0	0.0	0	0.0	69	27.8	2	0.8	248
	2009	104	78.8	3	2.3	0	0.0	25	18.9	0	0.0	132
	2010	107	71.3	0	0.0	0	0.0	41	27.3	2	1.3	150
	2011	108	77.7	0	0.0	0	0.0	31	22.3	0	0.0	139
	2012	83	72.2	3	0.0	0	0.0	29	25.2	0	0.0	115
	2013	52	53.1	6	0.0	0	0.0	37	37.8	3	3.1	98
	2014	101	69.7	2	0.0	0	0.0	40	27.6	2	1.4	145
	All Yrs	3,659	74.5	57	1.2	72	1.5	879	17.9	243	4.9	4,910
3B	1995	99	64.7	10	6.5	3	2.0	20	13.1	21	13.7	153
	1996	174	67.7	0	0.0	32	12.5	1	0.4	50	19.5	257
	1997	209	74.9	3	1.1	18	6.5	37	13.3	12	4.3	279
	1998	64	62.1	4	3.9	8	7.8	14	13.6	13	12.6	103
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	63	69.2	2	2.2	3	3.3	17	18.7	6	6.6	91
	2001	65	69.1	0	0.0	5	5.3	20	21.3	4	4.3	94
	2002	57	68.7	2	2.4	1	1.2	22	26.5	1	1.2	83
	2003	59	67.0	2	2.3	3	3.4	24	27.3	0	0.0	88
	2004	52	70.3	2	2.7	0	0.0	19	25.7	1	1.4	74
	2005	45	69.2	0	0.0	1	1.5	18	27.7	1	1.5	65
	2006	54	73.0	2	2.7	1	1.4	17	23.0	0	0.0	74
	2007	49	65.3	1	1.3	1	1.3	24	32.0	0	0.0	75
	2008	45	69.2	1	1.5	0	0.0	19	29.2	0	0.0	65
	2009	20	52.6	5	13.2	0	0.0	11	28.9	2	5.3	38
	2010	24	52.2	0	0.0	0	0.0	22	47.8	0	0.0	46
	2011	28	68.3	0	0.0	0	0.0	13	31.7	0	0.0	41
	2012	16	66.7	0	0.0	0	0.0	8	33.3	0	0.0	24
	2013	17	50.0	5	14.7	0	0.0	12	35.3	0	0.0	34
	2014	30	63.8	1	2.1	0	0.0	14	29.8	2	4.3	47
	All Yrs	1,170	67.6	40	2.3	76	4.4	332	19.2	113	6.5	1,731
4A	1995	64	69.6	6	6.5	0	0.0	10	10.9	12	13.0	92
	1996	70	76.1	2	2.2	1	1.1	0	0.0	19	20.7	92
	1997	108	62.4	3	1.7	8	4.6	43	24.9	11	6.4	173
	1998	44	75.9	0	0.0	1	1.7	9	15.5	4	6.9	58
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	63	75.0	2	2.4	0	0.0	17	20.2	2	2.4	84
	2001	45	71.4	1	1.6	2	3.2	13	20.6	2	3.2	63
	2002	29	54.7	0	0.0	1	1.9	23	43.4	0	0.0	53
	2003	43	84.3	0	0.0	1	2.0	7	13.7	0	0.0	51

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
	2004	39	75.0	0	0.0	0	0.0	13	25.0	0	0.0	52
	2005	52	75.4	1	1.4	0	0.0	15	21.7	1	1.4	69
	2006	37	78.7	0	0.0	0	0.0	10	21.3	0	0.0	47
	2007	54	68.4	1	1.3	1	1.3	23	29.1	0	0.0	79
	2008	39	78.0	0	0.0	0	0.0	11	22.0	0	0.0	50
	2009	13	72.2	0	0.0	0	0.0	5	27.8	0	0.0	18
	2010	20	64.5	0	0.0	4	12.9	7	22.6	0	0.0	31
	2011	27	67.5	0	0.0	0	0.0	12	30.0	1	2.5	40
	2012	14	60.9	0	0.0	0	0.0	9	39.1	0	0.0	23
	2013	6	40.0	0	0.0	0	0.0	9	60.0	0	0.0	15
	2014	16	84.2	0	0.0	0	0.0	3	15.8	0	0.0	19
	All Yrs	783	70.6	16	1.4	19	1.7	239	21.6	52	4.7	1,109
4B	1995	5	38.5	4	30.8	2	15.4	0	0.0	2	15.4	13
	1996	7	58.3	0	0.0	0	0.0	0	0.0	5	41.7	12
	1997	34	87.2	0	0.0	0	0.0	3	7.7	2	5.1	39
	1998	12	70.6	0	0.0	1	5.9	4	23.5	0	0.0	17
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	34	70.8	0	0.0	0	0.0	12	25.0	2	4.2	48
	2001	26	78.8	0	0.0	0	0.0	6	18.2	1	3.0	33
	2002	13	81.3	0	0.0	0	0.0	3	18.8	0	0.0	16
	2003	25	92.6	0	0.0	0	0.0	2	7.4	0	0.0	27
	2004	12	80.0	0	0.0	0	0.0	3	20.0	0	0.0	15
	2005	10	83.3	0	0.0	0	0.0	2	16.7	0	0.0	12
	2006	5	45.5	0	0.0	0	0.0	6	54.5	0	0.0	11
	2007	12	60.0	2	10.0	0	0.0	6	30.0	0	0.0	20
	2008	28	90.3	0	0.0	0	0.0	3	9.7	0	0.0	31
	2009	19	90.5	0	0.0	0	0.0	2	9.5	0	0.0	21
	2010	5	45.5	0	0.0	4	36.4	2	18.2	0	0.0	11
	2011	23	85.2	0	0.0	0	0.0	4	14.8	0	0.0	27
	2012	7	53.8	0	0.0	0	0.0	6	46.2	0	0.0	13
	2013	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2014	9	47.4	1	5.3	0	0.0	9	47.4	0	0.0	19
	All Yrs	294	74.8	7	1.8	7	1.8	73	18.6	12	3.1	393
4C	1995	0	0.0	0	0.0	0	0.0	1	33.3	2	66.7	3
	1996	0	0.0	0	0.0	16	55.2	0	0.0	13	44.8	29
	1997	8	88.9	0	0.0	0	0.0	1	11.1	0	0.0	9
	1998	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	8	80.0	0	0.0	0	0.0	2	20.0	0	0.0	10
	2001	14	100.0	0	0.0	0	0.0	0	0.0	0	0.0	14
	2002	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2004	8	100.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2005	7	77.8	0	0.0	0	0.0	2	22.2	0	0.0	9
	2006	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1
	2007	9	81.8	0	0.0	0	0.0	2	18.2	0	0.0	11
	2008	9	90.0	0	0.0	0	0.0	1	10.0	0	0.0	10
	2009	7	70.0	0	0.0	0	0.0	3	30.0	0	0.0	10
	2010	0	0.0	0	0.0	7	100.0	0	0.0	0	0.0	7
	2011	18	100.0	0	0.0	0	0.0	0	0.0	0	0.0	18

Area	Year	Priced Sales	Pct Priced	Other Sales	Pct Other	Trades	Pct Trades	Gifts	Pct Gifts	Unknown	Pct Unknown	Total QS Transferred
	2012	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1
	2013	4	66.7	0	0.0	0	0.0	2	33.3	0	0.0	6
	2014	4	100.0	0	0.0	0	0.0		0.0	0	0.0	4
	All Yrs	109	66.9	0	0.0	23	14.1	16	9.8	15	9.2	163
4D	1995	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	2
	1996	4	66.7	2	33.3	0	0.0	0	0.0	0	0.0	6
	1997	15	68.2	1	4.5	2	9.1	2	9.1	2	9.1	22
	1998	12	92.3	0	0.0	0	0.0	0	0.0	1	7.7	13
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	16	100.0	0	0.0	0	0	0	0	0	0	16
	2001	15	88.2	1	5.9	1	5.9	0	0.0	0	0.0	17
	2002	14	73.7	0	0.0	0	0.0	5	26.3	0	0.0	19
	2003	10	83.3	0	0.0	0	0.0	2	16.7	0	0.0	12
	2004	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3
	2005	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2008	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	4
	2009	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3
	2010	2	25.0	0	0.0	6	75.0	0	0.0	0	0.0	8
	2011	12	100.0	0	0.0	0	0.0	0	0.0	0	0.0	12
	2012	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1
	2013	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2014	4	80.0	1	20.0	0	0.0	0	0.0	0	0.0	5
	All Yrs	132	82.5	5	3.1	9	5.6	9	5.6	5	3.1	160
4E	1997	0	0.0	0	0.0	0	0.0	0	0	1	100	1
	2003	2	100.0	0	0.0	0	0.0	0	0	0	0	2
	2011	0	0.0	0	0.0	0	0.0	1	100.0	0	0	1

Note: NA indicates data not available

5.2 Finance Source on Priced Sales Transfers

The transfer application form asks for the “primary” source of financing for each transfer. Possible sources listed on the form include personal, bank, Alaska Department of Commerce and Economic Development (DCED), Commercial Fishing and Agriculture Bank (CFAB), NMFS’ Financial Services Division (FSD), seller, processor, and “other”. In many cases persons indicated more than one source of financing. In other cases application forms had missing information.

The transfer form did not ask for the proportions of financing derived from different sources. This means that if personal financing and bank financing were both used on a particular transaction, it would be impossible to determine what proportion of financing was derived from each source.

Table 5-2a provides information on the sources used to finance QS transferred in “priced sales” transactions in 1995-2014. The table provides data on the amount and percentage of QS transferred under each finance method. These data are reported by area. Since some reported more than one finance method used, the row percentages in the table total more than 100 . Note that there were no “priced sales” transfers in Area 4E.

Personal resources were the most important source of financing. Personal resources were the most widely used financing method for the QS in each of the seven management areas for which a financing method was reported. In Areas 2C and 3A, personal resources were reported as a source of financing far more often than the next most significant financing source.

Banks were typically the second most important source of financing, DCED or CFAB and sellers were typically the third most important sources. The processors were relatively minor sources of financing in most areas over the nineteen-year period.

Table 5-2b also provides information on the sources used to finance QS transferred in “priced sales” transactions in 1995-2014. However, while Table 5-2a provides information on the *amount* and percentage of QS transferred, Table 5-2b provides information on the *number* and percentage of QS transfers under each finance method. As in Table 5-2a, these data are reported by area. Also, as before, since some persons reported more than one finance method used, the row percentages in the table may total more than 100 percent. The data in this table are generally consistent with those in Table 5-2a. Personal resources are the most important finance source, followed by banks, sellers, and other sources.

Table 5-2a. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Fin Serv		Seller financed		Processor		Other		Missing		Total Transfers
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
2C	1995	4,686,251	60.3	940,944	12.1	344,729	4.4	0	0.0	1,176,179	15.1	99,087	1.3	545,587	7.0	1,233,942	15.9	7,773,214
	1996	4,933,848	70.4	1,409,390	20.1	223,924	3.2	0	0.0	820,337	11.7	29,603	0.4	348,964	5.0	101,484	1.4	7,007,947
	1997	2,965,122	65.7	794,896	17.6	565,896	12.5	0	0.0	262,900	5.8	14,780	0.3	70,221	1.6	0	0.0	4,511,763
	1998	1,632,069	68.0	501,283	20.9	119,595	5.0	0	0.0	153,756	6.4	42,136	1.8	56,149	2.3	0	0.0	2,399,645
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,169,232	49.9	520,556	12.0	600,227	13.8	517,614	11.9	452,778	10.4	0	0.0	0	0.0	85,622	2.0	4,346,029
	2001	1,961,786	53.0	388,750	10.5	58,897	1.6	354,923	9.6	733,192	19.8	0	0.0	0	0.0	204,988	5.5	3,702,536
	2002	1,856,451	54.3	442,438	12.9	456,311	13.3	134,001	3.9	402,314	11.8	0	0.0	0	0.0	127,110	3.7	3,418,625
	2003	1,626,751	55.2	441,882	15.0	411,027	14.0	313,443	10.6	138,651	4.7	0	0.0	0	0.0	13,662	0.5	2,945,416
	2004	1,605,129	59.3	447,035	16.5	65,092	2.4	169,518	6.3	412,825	15.3	0	0.0	0	0.0	5,917	0.2	2,705,516
	2005	1,032,112	38.5	405,841	15.1	349,866	13.0	240,746	9.0	308,964	11.5	0	0.0	0	0.0	343,543	12.8	2,681,072
	2006	1,114,180	51.0	425,987	19.5	93,527	4.3	126,447	5.8	368,366	16.9	0	0.0	0	0.0	55,459	2.5	2,183,966
	2007	1,036,828	43.3	528,005	24.2	250,200	11.5	18,980	0.9	508,714	23.3	0	0.0	0	0.0	51,299	2.3	2,394,026
	2008	1,717,866	64.0	539,610	24.7		0.0	237,002	10.9	157,634	7.2	30,234	1.4	0	0.0	0	0.0	2,682,346
	2009	595,454	46.0	220,683	10.1	212,983	9.8	29,658	1.4	235,033	10.8	0	0.0	0	0.0	0	0.0	1,293,811
	2010	2,238,170	77.6	104,946	3.6	200,300	6.9	57,580	2.0	283,403	9.8	0	0.0	0	0.0	0	0.0	2,884,399
	2011	494,115	50.9	154,668	15.9	65,859	6.8	0	0.0	255,205	26.3	0	0.0	0	0.0	0	0.0	969,847
	2012	1,005,481	62.8	233,205	14.6	109,296	6.8	0	0.0	253,917	15.9	0	0.0	0	0.0	0	0.0	1,601,899
	2013	1,387,849	63.8	424,208	19.5	131,828	6.1	0	0.0	232,373	10.7	0	0.0	0	0.0	0	0.0	2,176,258
	2014	1,298,013	69.8	254,226	13.7	202,074	10.9	0	0.0	0	0.0	0	0.0	0	0.0	105,276	5.7	1,859,589
	All Yrs	35,356,707	57.1	9,178,553	14.8	4,461,631	7.2	2,199,912	3.6	7,156,541	11.6	215,840	0.3	1,020,921	1.6	2,328,302	3.8	61,918,407
3A	1995	12,031,850	117.6	3,103,488	16.3	1,252,025	6.60	0	0.0	2,897,854	15.3	394,118	2.1	456,254	2.4	2,280,798	12	22,416,387
	1996	13,468,911	60.7	5,795,030	26.1	1,886,262	8.5	0	0.0	3,313,265	14.9	261,857	1.2	1046963	4.7	444,947	2	26,217,235
	1997	9,077,867	63.8	2,259,272	15.9	1,016,590	7.1	0	0.0	1,127,121	7.9	474,638	3.3	557,306	3.9	0	0	14,512,794
	1998	4,256,068	58.7	1,080,605	14.9	778,772	10.7	0	0.0	806,044	11.1	0	0	254,871	3.5	323,554	4.5	7,499,914
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	4,700,104	45.9	1,654,776	16.2	295,329	2.9	1,403,142	13.7	727,058	7.1	1,232,324	12.0	0	0.0	216,143	2.1	10,228,876
	2001	5,108,089	53.9	1,047,733	11.1	1,575,628	16.6	765,624	8.1	643,617	6.8	177,302	1.9	0	0.0	157,932	1.7	9,475,925
	2002	3,978,498	41.0	1,951,979	20.1	1,084,191	11.2	966,499	10.0	1,703,823	17.5	0	0.0	0	0.0	26,616	0.3	9,711,606
	2003	1,141,642	36.1	770,654	24.4	24,788	0.8	281,776	8.9	651,470	20.6	5,144	0.2	0	0.0	287,111	9.1	3,162,585
	2004	4,416,168	54.5	1,998,507	24.7	609,394	7.5	685,302	8.5	389,949	4.8	0	0.0	0	0.0	0	0.0	8,099,320
	2005	2,117,855	50.3	758,182	18.0	622,468	14.8	561,836	13.3	152,038	3.6	0	0.0	0	0.0	0	0.0	4,212,379
	2006	4,080,868	62.7	1,154,768	17.7	382,608	5.9	432,265	6.6	0	0.0	198,846	3.1	0	0.0	262,586	4.0	6,511,941
	2007	3,199,248	41.1	2,567,710	33.0	85,214	1.1	412,677	5.3	1,197,970	15.4	0	0.0	0	0.0	316,610	4.9	7,779,429
	2008	2,763,919	50.2	1,529,622	27.8	364,727	6.6	429,932	7.8	414,245	7.5	0	0.0	0	0.0	0	0.0	5,502,445
	2009	1,554,751	50.8	516,632	16.9	98,226	3.2	393,654	12.9	498,094	16.3	0	0.0	0	0.0	0	0.0	3,061,357
	2010	2,367,846	55.6	388,171	9.1	250,864	5.9	638,896	15.0	614,634	14.4	0	0.0	0	0.0	0	0.0	4,260,411
	2011	2,189,587	45.0	1,284,886	26.4	305,180	6.3	844,126	17.3	242,910	5.0	0	0.0	0	0.0	0	0.0	4,866,689

Table 5-2a. Continued. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Fin Serv		Seller financed		Processor		Other		Missing		Total Transfers
		QS	Pct	QS		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
	2012	1,830,633	64.8	297,687	10.5	486,621	17.2	0	0.0	211,637	7.5	0	0.0	0	0.0	0	0.0	2,826,578
	2013	1,596,170	61.0	274,356	10.5	209,528	8.0	155,153	5.9	383,356	14.6	0	0.0	0	0.0	0	0.0	2,618,563
	2014	3,416,793	74.3	145,100	3.2	1,038,087	22.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,599,980
	All Yrs	83,296,867	52.9	28,579,158	18.9	12,366,502	7.2	7,970,882	5.3	15,975,085	10.4	2,744,229	1.9	2,315,394	1.6	4,316,297	2.9	157,564,414
3B	1995	3,488,345	82.5	369,304	8.7	0	0	0	0.0	99,914	2.4	0	0	102,531	2.4	269,242	6.4	4,329,336
	1996	3,512,801	57.2	1,700,526	27.7	406,610	6.6	0	0.0	899,087	14.6	370,739	6	99,523	1.6	188,166	3.1	7,177,452
	1997	2,875,182	55.7	1,128,581	21.9	64,433	1.2	0	0.0	649,901	12.6	35,481	0.7	435,042	8.4	0	0	5,188,620
	1998	944,888	61.3	337,748	21.9	58,398	3.8	0	0.0	177,716	11.5	0	0	21,887	1.4	0	0	1,540,637
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	1,358,063	49.4	517,991	18.9	121,442	4.4	72,180	2.6	536,548	19.5	0	0.0	0	0.0	140,516	5.1	2,746,740
	2001	1,041,358	35.2	1,034,218	35.0	199,416	6.7	70,977	2.4	12,062	0.4	0	0.0	0	0.0	601,090	20.3	2,959,121
	2002	1,141,642	39.8	770,654	26.8	24,788	0.9	281,776	9.8	651,470	22.7	0	0.0	0	0.0	0	0.0	2,870,330
	2003	1,049,814	49.4	350,563	16.5	283,614	13.3	95,947	4.5	221,776	10.4	0	0.0	0	0.0	125,364	5.9	2,127,078
	2004	438,637	20.1	1,605,856	73.5	66,621	3.0	0	0.0	73,234	3.4	0	0.0	0	0.0	0	0.0	2,184,348
	2005	428,658	15.6	1,948,419	71.1	217,187	7.9	131,284	4.8	15,456	0.6	0	0.0	0	0.0	0	0.0	2,741,004
	2006	606,788	22.9	1,644,304	62.2	156,955	5.9	136,749	5.2	100,692	3.8	0	0.0	0	0.0	0	0.0	2,645,488
	2007	515,775	22.8	1,325,839	58.7	16,736	0.7	0	0.0	399,388	17.7	0	0.0	0	0.0	0	0.0	2,257,738
	2008	310,852	25.9	828,912	69.0	41,754	3.5	19,891	1.7	0	0.0	0	0.0	0	0.0	0	0.0	1,201,409
	2009	441,817	62.1	64,865	9.1	0	0.0	95,442	13.4	109,448	15.4	0	0.0	0	0.0	0	0.0	711,572
	2010	322,217	34.6	361,960	38.8	152,184	16.3	95,367	10.2	0	0.0	0	0.0	0	0.0	0	0.0	931,728
	2011	541,950	30.3	582,481	32.6	233,385	13.1	69,492	3.9	360,869	20.2	0	0.0	0	0.0	0	0.0	1,788,177
	2012	173,877	21.0	654,651	79.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	828,528
	2013	512,162	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	512,162
	2014	1,244,753	72.7	467,626	27.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,712,379
	All Yrs	20,949,579	43.8	15,694,498	33.6	2,043,523	4.7	1,069,105	2.5	4,307,561	9.9	406,220	0.1	658,983	3.2	1,324,378	1.8	46,453,847
4A	1995	799,722	74.70	211,393	19.8	0	0	0	0.0	55,847	5.2	0	0	0	0	58,940	5.5	1,125,902
	1996	906,863	57.5	286,486	18.2	299,240	19	0	0.0	184,741	11.7	0	0	44,992	2.9	39,586	2.5	1,761,908
	1997	1,573,353	67.9	627,248	27.1	49,997	2.2	0	0.0	129,349	5.6	7,110	0.3	136,055	5.9	0	0	2,523,112
	1998	377,015	58.5	89,658	13.9	0	0	0	0.0	177,927	27.6	0	0	0	0	0	0	644,600
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	841,052	35.3	1,018,816	42.8	43,774	1.8	0	0.0	72,462	3.0	597	0.0	0	0.0	403,892	17.0	2,380,593
	2001	697,350	61.7	133,928	11.9	170,074	15.1	111,592	9.9	17,039	1.5	0	0.0	0	0.0	0	0.0	1,129,983
	2002	344,909	41.0	350,563	41.7	0	0.0	0	0.0	101,115	12.0	44,267	5.3	0	0.0	0	0.0	840,854
	2003	855,232	66.6	192,643	15.0	24,008	1.9	0	0.0	176,048	13.7	35,302	2.8	0	0.0	0	0.0	1,283,233
	2004	568,903	33.4	1,022,530	60.0	44,280	2.6	55,423	3.3	12,361	0.7	0	0.0	0	0.0	0	0.0	1,703,497
	2005	0	0.0	1,011,855	88.1	136,989	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,148,844
	2006	0	0.0	763,574	78.1	214,207	21.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	977,781
	2007	777,934	28.2	1,782,170	64.7	167,163	6.1	0	0.0	6,639	0.2	21,906	2.2	0	0.0	0	0.0	2,755,812
	2008	579,250	45.3	483,940	37.8	0	0.0	127,409	10.0	88,154	6.9	0	0.0	0	0.0	0	0.0	1,278,753
	2009	399,760	88.1	53,809	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	453,569
	2010	634,935	86.5	359,297	0.0	99,297	13.5	0	0.0	14,827	2.0	0	0.0	0	0.0	0	0.0	1,108,356
	2011	114,111	15.9	604,778	84.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	718,889
	2012	10,822	1.8	165,910	27.0	84,076	13.7	184,410	30.0	169,048	27.5	0	0.0	0	0.0	0	0.0	614,266
	2013	235,168	72.0	91,607	28.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	326,775

Table 5-2a. Continued. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Fin Serv		Seller financed		Processor		Other		Missing		Total
		QS	Pct	QS		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	Transfers
	2014	168,722	48.4	33,278	9.6	0	0.0	0	0.0	146,366	42.0	0	0.0	0	0.0	0	0.0	348,366
	All Yrs	9,885,101	43.4	9,283,483	41.2	1,333,105	5.7	478,834	1.3	1,351,923	4.7	109,182	0.5	181,047	0.8	502,418	2.3	23,125,093
4B	1995	96,249	55.5	0	0	0	0	0	0.0	11,899	6.9	0	0	36,073	20.8	41,201	23.7	185,422
	1996	165,354	63.5	94,982	36.5	0	0	0	0.0	31,046	11.9	0	0	0	0	0	0	291,382
	1997	943,840	70.8	132,893	10	0	0	0	0.0	252,259	18.9	0	0	72,935	5.5	0	0	1,401,927
	1998	326,415	94.7	0	0	0	0	0	0.0	0	0	0	0	18,421	5.3	0	0	344,836
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	492,807	37.9	497,694	38.2	0	0.0	50,900	3.9	0	0.0	259,807	20.0	0	0.0	0	0.0	1,301,208
	2001	384,403	31.9	319,219	26.5	142,930	11.9	0	0.0	285,260	23.7	0	0.0	0	0.0	72,005	6.0	1,203,817
	2002	140,935	22.0	355,298	55.4	0	0.0	0	0.0	101,115	15.8	44,267	6.9	0	0.0	0	0.0	641,615
	2003	679,513	52.5	361,129	27.9	0	0.0	50,900	3.9	141,822	11.0	60,281	4.7	0	0.0	0	0.0	1,293,645
	2004	552,448	56.1	296,236	30.1	0	0.0	95,919	9.7	40,834	4.1	0	0.0	0	0.0	0	0.0	985,437
	2005	61,525	9.9	424,655	68.6	0	0.0	0	0.0	132,659	21.4	0	0.0	0	0.0	0	0.0	618,839
	2006	14,701	5.3	261,362	94.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	276,063
	2007	219,453	49.7	222,100	50.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	441,553
	2008	475,728	44.1	560,612	51.9	0	0.0	0	0.0	43,456	4.0	0	0.0	0	0.0	0	0.0	1,079,796
	2009	781,833	68.4	284,937	24.9	0	0.0	0	0.0	62,885	5.5	12,548	4.5	0	0.0	0	0.0	1,142,203
	2010	118,300	62.0	72,600	38.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	190,900
	2011	185,033	17.7	674,324	64.7	123,261	11.8	0	0.0	59,824	5.7	0	0.0	0	0.0	0	0.0	1,042,442
	2012	1,686	0.4	459,129	99.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	460,815
	2013	4,066	6.1	62,077	93.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66,143
	2014	337,772	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	337,772
	All Yrs	5,982,061	45.3	5,079,247	36.6	266,191	2.1	197,719	1.6	1,163,059	9.3	376,903	3.0	127,429	1.0	113,206	0.9	13,305,815
4C	1997	140,775	41.9	138,206	41.1	0	0	0	0.0	21,747	6.5	35,585	10.6	0	0	0	0	336,313
	1998	75,332	30.8	40,207	18.8	32,465	15.2	0	0.0	3,743	1.8	0	0	92,850	43.5	0	0	244,597
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	56,546	30.3	0	0.0	0	0.0	0	0.0	0	0.0	90,738	48.7	39,105	21.0	0	0.0	186,389
	2001	423,137	58.7	63,979	8.9	0	0.0	0	0.0	224,715	31.2	0	0.0	0	0.0	8,747	1.2	720,578
	2002	0	0.0	0	0	0	0	0	0.0	0	0	-	0	0	0	0	0	0
	2003	463,048	76.6	0	0.0	0	0.0	0	0.0	141,822	23.4	0	0.0	0	0.0	0	0.0	604,870
	2004	379,272	100.0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	379,272
	2005	279,884	73.0	61,390	16.0	41,873	10.9	0	0.0	0	0	0	0	0	0	0	0	383,147
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
	2007	66,202	17.1	311,989	80.5	0	0.0	0	0.0	9,382	2.4	0	0	0	0	0	0	387,573
	2008	166,479	40.2	247,609	59.8	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	414,088
	2009	78,248	20.9	296,163	79.1	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	374,411
	2010	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
	2011	198,237	0.0	271,200	0.0	29,267	0.0	0	0.0	28,291	0.0	27713	0	0	0	0	0	0
	2012	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0
	2013	16,469	25.5	0	0.0	0	0.0	0	0.0	48,175	74.5	0	0.0	0	0.0	0	0	64,644
	2014	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	29,315	100.	0	0	0	0	29,315
	All Yrs	2,343,629	50.7	1,430,743	31.2	103,605	2.3	0	0.0	477,875	9.4	183,351	3.4	131,955	2.9	8,747	0.2	4,125,197
4D	1996	211,459	79.0	0	0	0	0	0	0.0	0	0	56,077	21.0	0	0	0	0.0	267,536
	1997	197,619	25.6	284,110	36.8	0	0	0	0.0	87,366	11.3	56,948	7.4	145,364	19.4	0	0	771,407

Table 5-2a. Continued. QS Units Financed for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Fin Serv		Seller financed		Processor		Other		Missing		Total
		QS	Pct	QS		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	Transfers
	1998	139,089	52.6	0	0	95,019	35.9	0	0.0	0	0	11,454	4.3	18,992	2.5	0	0	264,554
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	404,139	54.7	0	0.0	0	0.0	0	0.0	41,967	5.7	175,081	23.7	0	0.0	118,133	16.0	739,320
	2001	320,648	42.9	283,153	37.9	0	0.0	0	0.0	41,162	5.5	0	0.0	0	0.0	102,801	13.7	747,764
	2002	345,499	43.2	453,692	56.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	799,191
	2003	329,752	64.8	178,790	35.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	508,542
	2004	133,313	40.6	194,774	59.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	328,087
	2005	105,158	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	105,158
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2007	158,806	36.6	275,225	63.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	434,031
	2008	30,051	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30,051
	2009	22,922	43.8	29,376	56.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	52,298
	2010	11,308	31.3	0	0.0	24,866	68.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	36,174
	2011	213,815	29.1	470,041	64.0	0	0.0	0	0.0	51,014	6.9	0	0.0	0	0.0	0	0.0	734,870
	2012	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2013	29,678	97.7	0	0.0	0	0.0	0	0.0	692	1.1	0	0.0	0	0.0	0	0.0	30,370
	2014	0	0.0	0	0.0	0	0.0	0	0.0	61,127	100.0	0	0.0	0	0.0	0	0.0	61,127
	All Yrs	2,653,256	45.1	2,169,161	37.3	119,885	2.1	0	0.0	283,328	3.8	299,560	5.1	164,356	2.8	220,934	3.8	5,910,480

Note: Because some persons reported more than one finance method used, the row percentages in the table may total more than 100

Table 5-2b. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

	Year	Personal resources		Bank		Area		NMFS Financial Service		Seller financed		Processor		Other		Missing		Total ⁴²
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
2C	1995	270	76.3	26	7.3	8	2.3	0	0.0	57	16.1	2	0.6	16	4.5	31	8.8	354
	1996	277	75.7	48	13.1	8	2.2	0	0.0	44	12.0	2	0.5	28	7.7	4	1.1	366
	1997	231	80.2	25	8.7	21	7.3	0	0.0	8	2.8	1	0.3	6	2.1	0	0.0	288
	1998	116	81.7	14	9.9	4	2.8	0	0.0	5	3.5	2	1.4	3	2.1	0	0.0	142
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	98	69.5	11	7.8	7	5.0	12	8.5	11	7.8	0	0.0	0	0.0	2	1.4	141
	2001	93	65.5	13	9.2	3	2.1	9	6.3	19	13.4	0	0.0	0	0.0	5	3.5	142
	2002	83	71.6	12	10.3	9	7.8	2	1.7	7	6.0	0	0.0	0	0.0	3	2.6	116
	2003	95	70.9	13	9.7	12	9.0	7	5.2	6	4.5	0	0.0	0	0.0	1	0.7	134
	2004	94	72.9	16	12.4	3	2.3	5	3.9	10	7.8	0	0.0	0	0.0	1	0.8	129
	2005	67	64.4	8	7.7	10	9.6	4	3.8	7	6.7	0	0.0	0	0.0	8	7.7	104
	2006	70	66.0	13	12.3	4	3.8	5	4.7	9	8.5	0	0.0	0	0.0	5	4.7	106
	2007	73	71.6	16	15.7	6	5.9	1	1.0	5	4.9	0	0	0	0	1	1.0	102
	2008	81	75.7	14	13.1	0	0.0	7	6.5	3	2.8	2	1.9	0	0	0	0.0	107
	2009	28	71.8	3	7.7	4	10.3	1	2.6	3	7.7	0	0	0	0	0	0.0	39
	2010	71	82.6	2	2.3	7	8.1	1	1.2	5	5.8	0	0.0	0	0	0	0.0	86
	2011	42	87.5	3	6.3	1	2.1	0	0.0	2	4.2	0	0.0	0	0	0	0.0	48
	2012	47	88.7	2	3.8	4	7.5	0	0.0	0	0.0	0	0.0	0	0	0	0.0	53
	2013	45	77.6	10	17.2	3	5.2	0	0.0	0	0.0	0	0.0	0	0	0	0.0	58
	2014	37	77.1	4	8.3	4	8.3	0	0.0	0	0.0	0	0.0	0	0	3	0.0	48
	All Yrs	1,918	71.8	253	9.5	118	4.4	54	2.0	201	7.5	9	0.3	53	2.0	64	2.4	2,670
3A	1995	266	66.3	50	12.5	18	4.5	0	0.0	71	17.7	4	1.0	9	2.2	58	14.5	401
	1996	359	75.6	69	14.5	21	4.4	0	0.0	82	17.3	3	0.6	15	3.2	16	3.4	475
	1997	293	74.7	50	12.8	24	6.1	0	0.0	15	3.8	7	1.8	13	3.3	0	0.0	392
	1998	159	76.1	19	9.1	15	7.2	0	0.0	9	4.3	0	0.0	6	2.9	5	2.4	209
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	115	78.2	8	5.4	4	2.7	15	10.2	0	0.0	0	0.0	0	0.0	5	0.0	147
	2001	130	74.3	10	5.7	19	10.9	13	7.4	0	0.0	1	0.6	0	0.0	2	0.0	175
	2002	118	71.1	19	11.4	17	10.2	11	6.6	0	0.0	0	0.0	0	0.0	1	0.0	166
	2003	128	74.0	18	10.4	11	6.4	13	7.5	0	0.0	1	0.6	0	0.0	2	0.0	173
	2004	143	76.5	12	6.4	15	8.0	17	9.1	0	0.0	0	0.0	0	0.0	0	0.0	187
	2005	96	72.7	11	8.3	12	9.1	13	9.8	0	0.0	0	0.0	0	0.0	0	0.0	132
	2006	122	73.1	14	8.4	10	6.0	9	5.4	0	0.0	6	3.6	0	0.0	6	0.0	167
	2007	151	79.1	21	11.0	4	2.1	11	5.8	0	0.0	0	0.0	0	0.0	4	2.1	191
	2008	120	81.1	17	11.5	3	2.0	8	5.4	0	0.0	0	0.0	0	0.0	0	0.0	148
	2009	65	78.3	9	10.8	3	3.6	6	7.2	0	0.0	0	0.0	0	0.0	0	0.0	83
	2010	69	73.4	7	7.4	8	8.5	5	5.3	5	5.3	0	0.0	0	0.0	0	0.0	94
	2011	58	68.2	9	10.6	7	8.2	8	9.4	3	3.5	0	0.0	0	0.0	0	0.0	85

⁴² Because some persons reported more than one finance method used, the row percentages in the table may total more than 100

Table 5-2b. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Total ⁴³
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
3A Cont.	2012	54	75.0	7	9.7	7	9.7	0	0.0	4	5.6	0	0.0	0	0.0	0	0.0	72
	2013	33	71.7	4	8.7	3	6.5	1	2.2	5	10.9	0	0.0	0	0.0	0	0.0	46
	2014	58	76.3	2	2.6	12	15.8	0	0.0	4	5.3	0	0.0	0	0.0	0	0.0	76
	All Yrs	2,537	69.4	356	9.7	213	5.8	130	3.6	255	7.0	22	0.6	43	1.2	99	2.7	3,655
3B	1995	60	60.6	6	6.1	0	0.0	0	0.0	2	2.0	0	0.0	1	1.0	32	32.3	99
	1996	116	66.7	39	22.4	5	2.9	0	0.0	21	12.1	9	5.2	3	1.7	5	2.9	174
	1997	173	82.8	20	9.6	1	0.5	0	0.0	9	4.3	2	1.0	6	2.9	0	0.0	209
	1998	52	81.3	5	7.8	1	1.6	0	0.0	5	7.8	0	0.0	1	1.6	0	0.0	64
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	41	77.4	7	13.2	3	5.7	2	3.8	7	11.7	0	0.0	0	0.0	0	0.0	53
	2001	32	50.0	12	18.8	7	10.9	4	6.3	1	1.5	0	0.0	0	0.0	9	14.1	64
	2002	28	63.6	10	22.7	1	2.3	5	11.4	13	22.8	0	0.0	0	0.0	0	0.0	44
	2003	27	48.2	19	33.9	6	10.7	2	3.6	3	5.1	0	0.0	0	0.0	2	3.6	56
	2004	21	41.2	28	54.9	2	3.9	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	51
	2005	15	35.7	19	45.2	5	11.9	3	7.1	2	4.5	0	0.0	0	0.0	0	0.0	42
	2006	28	54.9	15	29.4	4	7.8	4	7.8	3	5.6	0	0.0	0	0.0	0	0.0	51
	2007	20	62.5	11	34.4	1	3.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	32
	2008	21	52.5	17	42.5	1	2.5	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	40
	2009	9	69.2	3	23.1	0	0.0	1	7.7	0	0.0	0	0.0	0	0.0	0	0.0	13
	2010	10	50.0	6	30.0	2	10.0	2	10.0	0	0.0	0	0.0	0	0.0	0	0.0	20
	2011	11	45.8	7	29.2	4	16.7	1	4.2	1	4.2	0	0.0	0	0.0	0	0.0	24
	2012	4	40.0	5	50.0	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10
	2013	10	76.9	0	0.0	0	0.0	0	0.0	3	23.1	0	0.0	0	0.0	0	0.0	13
	2014	16	69.6	3	13.0	0	0.0	0	0.0	4	17.4	0	0.0	0	0.0	0	0.0	23
	All Yrs	694	60.9	232	20.4	44	3.9	25	2.2	75	6.6	11	1.0	11	1.0	48	4.2	1,140
4A	1995	28	43.8	8	12.5	0	0	0	0	3	4.7	0	0.0	0	0.0	28	43.8	64
	1996	51	72.9	7	10.0	5	7.1	0	0	5	7.1	0	0.0	4	5.7	2	2.9	70
	1997	76	70.4	18	16.7	2	1.9	0	0	6	5.6	1	0.9	9	8.3	0	0.0	108
	1998	30	68.2	6	13.6	0	0.0	0	0	8	18.2	0	0.0	0	0.0	0	0.0	44
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	39	63.9	14	23.0	1	1.6	0	0.0	2	3.2	1	1.6	0	0.0	6	9.8	61
	2001	31	70.5	3	6.8	6	13.6	4	9.1	1	2.2	0	0.0	0	0.0	0	0.0	44
	2002	14	73.7	5	26.3	0	0.0	0	0.0	10	34.5	0	0.0	0	0.0	0	0.0	19
	2003	31	88.6	3	8.6	1	2.9	0	0.0	3	7.9	0	0.0	0	0.0	0	0.0	35
	2004	20	55.6	13	36.1	2	5.6	1	2.8	1	2.7	0	0.0	0	0.0	0	0.0	36
	2005	25	54.3	18	39.1	3	6.5	0	0.0	4	8.0	0	0.0	0	0.0	0	0.0	46
	2006	18	48.6	9	24.3	7	18.9	3	8.1	0	0.0	0	0.0	0	0.0	0	0.0	37
	2007	21	52.5	16	40.0	2	5.0	0	0.0	0	0.0	1	2.5	0	0.0	0	0.0	40
	2008	16	57.1	9	32.1	0	0.0	3	10.7	0	0.0	0	0.0	0	0.0	0	0.0	28
	2009	8	80.0	2	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10
	2010	11	68.8	1	6.3	2	12.5	0	0.0	1	6.3	0	0.0	1	6.3	0	0.0	16

Table 5-2b. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Total ⁴⁴
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
4A Cont.	2011	12	66.7	6	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18
	2012	2	22.2	3	33.3	1	11.1	1	11.1	0	0.0	0	0.0	2	22.2	0	0.0	9
	2013	3	50.0	3	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6
	2014	8	66.7	1	8.3	0	0.0	0	0.0	0	0.0	0	0.0	3	25.0	0	0.0	12
	All Yrs	444	60.2	145	19.7	32	4.3	12	1.6	44	6.0	3	0.4	21	2.8	36	4.9	737
4B	1995	3	60.0	0	0.0	0	0.0	0	0.0	1	20	0	0.0	1	20.0	1	20	5
	1996	5	71.4	2	28.6	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	7
	1997	25	73.5	4	11.8	0	0.0	0	0.0	6	17.6	0	0.0	2	5.9	0	0.0	34
	1998	10	83.3	0	0.0	0	0.0	0	0.0	0	0	0	0.0	2	16.7	0	0.0	12
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	34	70.8	0	0.0	0	0.0	2	6.1	0	0.0	2	6.1	0	0.0	1	3.0	33
	2001	26	78.8	0	0.0	3	11.1	0	0.0	4	14.8	0	0.0	1	3.7	1	3.7	27
	2002	13	81.3	0	0.0	0	0.0	0	0.0	2	15.4	3	23.1	0	0.0	0	0.0	13
	2003	25	92.6	0	0.0	0	0.0	2	8.0	1	4.0	1	4.0	0	0.0	0	0.0	25
	2004	12	80.0	0	0.0	0	0.0	2	16.7	1	8.3	0	0.0	0	0.0	0	0.0	12
	2005	10	83.3	0	0.0	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	0	0.0	9
	2006	5	45.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3
	2007	7	70.0	3	30.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10
	2008	13	76.5	4	23.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	17
	2009	9	69.2	3	23.1	0	0.0	0	0.0	0	0.0	1	7.7	0	0.0	0	0.0	13
	All Yrs	135	60.0	46	20.4	3	1.3	6	2.7	19	8.4	7	3.1	6	2.7	3	1.3	225
4C	1997	4	50.0	2	25.0	0	0.0	0	0.0	1	12.5	1	12.5	0	0.0	0	0.0	8
	1998	2	22.2	1	11.1	1	11.1	0	0.0	1	11.1	0	0.0	4	44.4	0	0.0	9
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	5	83.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	0	0.0	6
	2001	9	90.0	0	0.0	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	1	8.3	10
	2003	5	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2004	8	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2005	5	83.3	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6
	2007	2	25.0	6	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8
	2008	3	60.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2009	2	40.0	3	60.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	All Yrs	45	62.5	14	19.4	2	2.8	2	2.8	2	2.8	1	1.4	5	6.9	1	1.4	72
4D	1996	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	4
	1997	7	46.7	3	20.0	0	0.0	0	0.0	1	6.7	1	6.7	3	20.0	0	0.0	15
	1998	6	50.0	0	0.0	3	25.0	0	0.0	0	0.0	1	8.3	2	16.7	0	0.0	12

⁴⁴ Because some persons reported more than one finance method used, the row percentages in the table may total more than 100

Table 5-2b. Number of QS Transactions for Priced QS Sales, by Area, Year, and Finance Method, 1995-2014

Area	Year	Personal resources		Bank		DCED or CFAB		NMFS Financial Service		Seller financed		Processor		Other		Missing		Total ⁴⁵
		QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	QS	Pct	
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	12	85.7	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	1	7.1	14
	1999	9	81.8	0	0.0	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0	1	9.1	11
	2000	10	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10
	2001	7	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7
4D	2002	2	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2003	5	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2005	5	100	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5
	2007	5	0.0	4	44.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9
	2008	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2009	1	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2010	1	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2
	2011	6	0.0	4	36.4	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	11
	2012	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2013	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2
	2014	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0	0	0.0	0	0.0	0	0.0	2
	All Yrs	76	71.7	12	11.3	4	3.8	0	0.0	4	3.8	2	1.9	6	5.7	2	1.9	106

Note: Table includes only years with data

a) NA indicates data not available

5.3 Relationship of Transferors and Transfer Recipients

This section examines the relationship between transferors and transfer recipients in permanent QS transfers. In the tables in this section these categories were designated as “partner,” “family,” “friend,” or “none.” These tables should be read with caution because the actual categories on the NMFS-RAM transfer application form changed over the time period.⁴⁶

Table 5-3a provides a summary of the responses to this question for all QS transfers recorded as transfer, sweep-up, spousal, and court transactions on the NMFS-RAM data base. The data are provided by management area and show the amount of QS involved in transfers based upon the relationship between the buyer and seller.

“None” or “No relationship” was the most likely response in all areas. In seven of the eight management areas where permanent QS transfers occurred during the nineteen-year period, 57 percent or more of the QS transferred moved between persons indicating “No relationship.” In seven of the management areas family transfers had a significant percentage of transactions.

The table should be read cautiously because many respondents did not answer, especially in 1995. What may appear to be a change in the QS transferred in a relationship category may in fact be due to a reduction in missing data.

Table 5-3b provides similar summary data but focuses on the number of transfer transactions rather than on the amount of QS involved in the transactions. The results are similar to those in Table 5-3a. In all eight areas, over 59 percent of the transfers over the nineteen-year period were between parties with “No relationship.”

⁴⁶ The relationship question on the transfer application form changed between 1995 and 1996. In 1995 respondents were given a choice of “No relationship,” “Business Partner,” “Personal Family Member,” and “Other Friend or Relative.” In 1996 “Personal Family Member” became “Family Member,” “Other Friend or Relative” became “Friend,” and an “Other” category was introduced.

Table 5-3a. QS Units Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
2C	1995	1,789,424	17.1	1,431,139	13.6	89,391	0.9	6,379,214	60.8	799,369	7.6	10,488,537
	1996	1,183,182	13.2	1,469,015	16.4	138,730	1.5	5,790,106	64.5	389,288	4.3	8,970,321
	1997	937,681	15.8	747,355	12.6	85,253	1.4	3,963,427	66.6	218,548	3.7	5,952,264
	1998	932,030	25.9	150,830	4.2	41,777	1.2	2,236,920	62.1	240,734	6.7	3,602,291
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,036,053	32.4	753,880	12.0	70,652	1.1	3,335,703	53.1	81,105	1.3	6,277,393
	2001	1,547,127	31.4	439,040	8.9	37,882	0.8	2,847,594	57.8	53,876	1.1	4,925,519
	2002	1,735,847	37.1	136,846	2.9	93,457	2.0	2,695,612	57.6	15,149	0.3	4,676,911
	2003	1,514,103	32.6	50,449	1.1	11,170	0.2	2,946,870	63.4	122,388	2.6	4,644,980
	2004	1,638,687	37.6	22,202	0.5	35,082	0.8	2,639,287	60.5	23,988	0.6	4,359,246
	2005	2,308,912	47.0	45,871	0.9	0	0.0	2,512,644	51.2	42,763	0.9	4,910,190
	2006	2,006,991	51.2	290,513	7.4	0	0.0	1,621,696	41.4	0	0.0	3,919,200
	2007	0	0.0	265,934	13.2	16,220	0.8	1,725,533	85.9	0	0.0	2,007,687
	2008	1,568,215	40.5	199,968	5.2	66,546	1.7	2,035,733	52.6	1,753	0.0	3,872,215
	2009	1,116,817	47.3	178,831	7.6	0	0.0	1,047,144	44.3	19,353	0.8	2,362,145
	2010	1,031,955	27.5	450,108	12.0	0	0.0	2,267,153	60.5	0	0.0	3,749,216
	2011	405,341	31.1	57,884	4.4	0	0.0	759,340	58.3	79,678	6.1	1,302,243
	2012	754,467	35.3	309,443	14.5	0	0.0	1,073,706	50.2	0	0.0	2,137,616
	2013	1,175,661	39.8	217,278	7.4	0	0.0	1,560,232	52.8	0	0.0	2,953,171
	2014	1,273,172	39.8	124,451	3.9	0	0.0	1,800,997	56.3	0	0.0	3,198,620
	All Yrs	24,955,665	29.6	7,341,037	8.7	686,160	0.8	49,238,911	58.4	2,087,992	2.5	84,309,765
3A	1995	4,363,602	15.3	2,523,410	8.8	2,049,533	7.2	16,460,976	57.6	3,159,968	11.1	28,557,489
	1996	2,498,437	9.4	2,353,877	8.8	918,458	3.4	19,551,785	73.4	1,304,234	4.9	26,626,791
	1997	3,449,104	18.6	1,469,151	7.9	879,792	4.7	12,357,078	66.6	405,673	2.2	18,560,798
	1998	2,087,094	18.3	1,102,000	9.7	450,408	4.0	6,115,631	53.8	1,619,851	14.2	11,374,984
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2,997,696	21.7	856,953	6.2	1,171,363	8.5	8,080,833	58.5	702,511	5.1	13,809,356
	2001	2,383,445	18.6	1,222,169	9.6	331,387	2.6	8,249,818	64.5	602,486	4.7	12,789,305
	2002	2,857,043	22.7	358,627	2.9	564,827	4.5	8,287,775	65.9	509,594	4.1	12,577,866
	2003	3,242,587	30.3	109,657	1.0	54,528	0.5	7,238,180	67.6	67,979	0.6	10,712,931
	2004	2,901,611	26.2	110,725	1.0	49,967	0.5	7,694,504	69.5	307,862	2.8	11,064,669
	2005	2,053,310	27.2	74,900	1.0	558,381	7.4	4,751,508	63.0	103,774	1.4	7,541,873
	2006	3,395,262	36.2	159,995	1.7	232,431	2.5	5,569,403	59.3	27,856	0.3	9,384,947
	2007	4,156,460	37.9	181,207	1.7	0	0.0	6,628,057	60.4	0	0.0	10,965,724
	2008	2,532,665	30.5	843,585	10.2	60,209	0.7	4,795,699	57.8	60,209	0.7	8,292,367
	2009	1,939,601	40.7	3,580	0.1	0	0.0	2,826,904	59.3	0	0.0	4,770,085
	2010	1,797,482	29.2	78,702	1.3	166,455	2.7	4,083,702	66.4	26,413	0.4	6,152,754
	2011	2,979,027	37.4	259,372	3.3	89,195	1.1	4,519,448	56.8	109,705	1.4	7,956,747
	2012	1,023,891	29.1	37,072	1.1	0	0.0	2,462,043	69.9	0	0.0	3,523,006
	2013	2,251,140	43.9	330,276	6.4	0	0.0	2,552,188	49.7	0	0.0	5,133,604
	2014	3,347,865	39.9	230,691	2.8	0	0.0	4,806,068	57.3	0	0.0	8,384,624
	All Yrs	52,257,322	24.0	12,305,94	5.6	7,576,934	3.5	137,031,60	62.8	9,008,115	4.1	218,179,92
3B	1995	986,356	13.5	821,749	11.2	987,644	13.5	3,360,229	45.8	1,176,162	16.0	7,332,140
	1996	1,102,374	14.6	369,202	4.9	385,457	5.1	5,593,240	73.8	125,873	1.7	7,576,146
	1997	1,836,050	25.6	580,572	8.1	314,100	4.4	4,453,662	62.0	0	0.0	7,184,384
	1998	718,980	23.4	276,184	9.0	203,391	6.6	1,214,207	39.5	664,599	21.6	3,077,361
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5-3a. Continue. QS Units Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
	2000	1,120,296	30.5	111,762	3.0	209,089	5.7	2,049,235	55.8	179,545	4.9	3,669,927
	2001	533,467	12.5	149,169	3.5	159,684	3.8	3,005,505	70.6	407,355	9.6	4,255,180
	2002	982,852	25.7	20,406	0.5	276,716	7.2	2,523,649	66.0	21,617	0.6	3,825,240
	2003	1,202,758	25.4	87,912	1.9	102,653	2.2	3,272,477	69.1	72,031	1.5	4,737,831
	2004	1,040,852	34.5	0	0.0	63,638	2.1	1,887,688	62.6	24,558	0.8	3,016,736
	2005	1,228,730	29.8	34,577	0.8	0	0.0	2,821,609	68.4	40,528	1.0	4,125,444
	2006	1,202,768	32.8	371,237	10.1	0	0.0	2,090,569	57.0	0	0.0	3,664,574
	2007	1,486,445	93.3	53,480	3.4	297	0.0	53,480	3.4	0	0.0	1,593,702
	2008	943,694	81.3	61,410	5.3	94,040	8.1	61,410	5.3	0	0.0	1,160,554
	2009	644,747	73.3	71,749	8.2	63,515	7.2	71,749	8.2	28,372	3.2	880,132
	2010	866,420	48.8	40,981	2.3	0	0.0	869,723	48.9	0	0.0	1,777,124
	2011	865,022	32.6	134,373	5.1	0	0.0	1,653,804	62.3	0	0.0	2,653,199
	2012	899,556	53.9	0	0.0	0	0.0	768,247	46.1	0	0.0	1,667,803
	2013	1,380,158	67.1	100,504	4.9	0	0.0	575,075	28.0	0	0.0	2,055,737
	2014	1,207,764	41.0	227,15	41.0	0	0.0	1,716,157	41.0	0	0.0	2,946,636
	All Yrs	20,249,289	30.1	3,307,982	5.3	2,860,224	4.7	38,041,715	57.8	2,740,640	4.5	67,199,850
4A	1995	102,763	5.8	227,423	12.9	212,472	12.1	815,948	46.4	398,429	22.7	1,757,035
	1996	189,537	9.2	573,967	27.7	0	0.0	1,257,503	60.8	48,886	2.4	2,069,893
	1997	838,317	24.3	573,515	16.7	76,382	2.2	1,930,249	56.0	25,689	0.7	3,444,152
	1998	71,097	7.8	112,266	12.4	0	0.0	672,876	74.3	49,604	5.5	905,843
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	129,012	4.5	318,476	11.2	105,305	3.7	2,238,751	78.7	51,780	1.8	2,843,324
	2001	188,301	11.7	192,273	11.9	220,186	13.6	995,343	61.7	17,039	1.1	1,613,142
	2002	343,334	19.6	233,451	13.3	769	0.0	1,137,627	64.9	37,409	2.1	1,752,590
	2003	115,374	7.7	327,481	21.9	0	0.0	1,054,559	70.4	0	0.0	1,497,414
	2004	311,795	14.3	228,862	10.5	0	0.0	1,647,063	75.3	264	0.0	2,187,984
	2005	354,493	13.2	167,220	6.2	13,986	0.5	2,013,416	75.0	134,609	5.0	2,683,724
	2006	251,553	13.4	102,662	5.5	0	0.0	1,523,760	81.1	0	0.0	1,877,975
	2007	935,741	27.0	360,744	10.4	109	0.0	2,166,969	62.6	0	0.0	3,463,563
	2008	586,709	33.5	132,549	7.6	0	0.0	1,031,207	58.9	0	0.0	1,750,465
	2009	87,728	16.5	22,357	4.2	6,639	1.2	415,065	78.1	0	0.0	531,789
	2010	146,138	10.2	168,346	11.8	0	0.0	1,111,921	78.0	0	0.0	1,426,405
	2011	405,878	33.4	63,481	5.2	0	0.0	718,569	59.1	28,419	2.3	1,216,347
	2012	458,953	46.2	146,25	1.5	0	0.0	520,762	52.4	0	0.0	994,340
	2013	63,979	11.9	96,265	17.9	0	0.0	377,118	70.2	0	0.0	537,362
	2014	124,257	28.7	127,085	29.3	0	0.0	181,671	42.0	0	0.0	433,013
	All Yrs	5,704,959	16.3	4,043,048	12.3	635,848	2.0	20,730,826	66.8	792,128	2.6	31,021,645
4B	1995	0	0.0	90,510	22.1	61,096	14.9	156,238	38.2	101,154	24.7	408,998
	1996	9,631	2.2	0	0.0	18,623	4.3	390,095	90.2	14,095	3.3	432,444
	1997	422,959	23.5	236,880	13.2	202,515	11.3	937,190	52.1	0	0.0	1,799,544
	1998	12,110	2.1	39,036	6.7	0	0.0	528,695	91.2	0	0.0	579,841
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	283,960	15.9	457,806	25.6	0	0.0	986,279	55.1	62,077	3.5	1,790,122
	2001	191,484	14.7	167,931	12.9	0	0.0	946,303	72.5	0	0.0	1,305,718

Table 5-3a. Continue. QS Units Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
	2002	0	0.0	167,786	27.3	0	0.0	429,985	70.1	15,709	2.6	613,480
	2003	28,459	2.1	90,916	6.7	0	0.0	1,227,608	91.1	0	0.0	1,346,983
	2004	24,813	2.3	11,899	1.1	0	0.0	1,027,279	96.5	0	0.0	1,063,991
	2005	30,863	4.2		0.0	0	0.0	385,339	52.2	321,913	43.6	738,115
	2006	435,565	79.5	47,274	8.6	0	0.0	64,876	11.8	0	0.0	547,715
	2007	308,682	33.9	11,899	1.3	0	0.0	591,046	64.8	0	0.0	911,627
	2008	0	0.0	245,011	21.2	0	0.0	911,940	78.8	0	0.0	1,156,951
	2009	122,366	10.3	84,812	7.1	0	0.0	981,081	82.6	0	0.0	1,188,259
	2010	11,675	2.2	343,274	64.3	0	0.0	179,225	33.6	0	0.0	534,174
	2011	310,023	22.9	30,863	2.3	0	0.0	1,011,579	74.8	0	0.0	1,352,465
	2012	184,564	28.6		0.0	0	0.0	460,815	71.4			645,379
	2013	157,806	39.1		0.0	0	0.0	246,234	60.9			404,040
	2014	321,977	32.3		0.0	0	0.0	674,944	67.7			996,921
	All Yrs	2,856,937	13.9	2,025,897	12.8	282,234	1.8	12,136,751	68.2	514,948	3.3	15,770,427
4C	1995	0	0.0	18,876	17.9	0	0	0	0	86,454	82.1	105,330
	1996	262,332	42.7	0	0	34,843	5.7	301,069	49	16,202	2.6	614,446
	1997	73,307	19.3	89,215	23.5	37,490	9.9	180,051	47.4	0	0	380,063
	1998	0	0.0	48,175	22.6	0	0	161,717	75.7	3,743	1.8	213,635
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	82,817	37.2	9,998	4.5	0	0.0	117,849	52.9	12,077	5.4	222,741
	2001	107,933	15.5	174,832	25.1	0	0.0	413,538	59.4	0	0.0	696,303
	2002	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2003	0	0.0	58,050	12.5	0	0.0	404,998	87.5	0	0.0	463,048
	2004	0	0.0	0	0.0	0	0.0	379,272	100.0	0	0.0	379,272
	2005	170,691	40.3	0	0.0	0	0.0	252,785	59.7	0	0.0	423,476
	2006	0	0.0	0	0.0	0	0.0	32,196	100.0	0	0.0	32,196
	2007	0	0.0	60,567	15.0	0	0.0	343,272	85.0	0	0.0	403,839
	2008	43,447	9.1	125,940	26.4	0	0.0	308,346	64.5	0	0.0	477,733
	2009	234,356	40.4		0.0	30,718	5.3	314,426	54.3	0	0.0	579,500
	2010	0	0.0	298,414	86.8	0	0.0	45,351	13.2	0	0.0	343,765
	2011	0	0.0	20,198	3.6	28,291	5.1	506,219	91.3	0	0.0	554,708
	2012	29,267	100.0		0.0		0.0		0.0		0.0	29,267
	2013	220,477	77.3	64,271	22.5		0.0	373	0.1	0	0.0	285,121
	2014	0	0.0	0	0.0			266,439	100.0			266,439
	All Yrs	1,224,627	16.6	968,536	15.4	131,342	2.2	4,027,901	63.9	118,476	2.0	5,890,055
4D	1995	0	0	0	0	69,848	63.8	0	0	39,715	36.2	109,563
	1996	0	0	41,000	9.4	27,355	6.2	369,813	84.4	0	0	438,168
	1997	237,533	20.6	23,583	2	20,832	1.8	868,496	75.5	0	0	1,150,444
	1998	0	0	34,748	10.8	0	0	229,806	71.1	58,618	18.1	323,172
	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2000	0	0.0	41,967	5.7	0	0.0	697,353	94.3	0	0.0	739,320
	2001	156,078	18.6	244,160	29.1	0	0.0	437,576	52.2	0	0.0	837,814
	2002	0	0.0	72,391	7.6	78,100	8.2	801,854	84.2	0	0.0	952,345
	2003	0	0.0	177,198	29.4	0	0.0	426,276	70.6	0	0.0	603,474

Table 5-3a. Continue. QS Units Transferred by Area, Year, and Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friends	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missing	Total Transfers
	2004	0	0.0		0.0	0	0.0	328,087	100.0	0	0.0	328,087
	2005	22,922	21.8	52,860	50.3	0	0.0	29,376	27.9	0	0.0	105,158
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2007	18,300	3.9	0	0.0	0	0.0	456,893	96.1	0	0.0	475,193
	2008	0	0.0	0	0.0	0	0.0	59,427	100.0	0	0.0	59,427
	2009	0	0.0	0	0.0	0	0.0	29,376	100.0	0	0.0	29,376
	2010	0	0.0	264,281	64.1	0	0.0	148,118	35.9	0	0.0	412,399
	2011	194,774	21.0	0	0.0	0	0.0	734,870	79.0	0	0.0	929,644
	2012		0.0		0.0	0	0.0	77,785	100.0	0	0.0	77,785
	2013	280,175	90.2	30370	9.8	0	0.0	0	0.0	0	0.0	310,545
	2014	32,286	22.1		0.0			113,621			0.0	145,907
	All Yrs	942,068	8.4	982,558	12.7	196,135	2.6	5,808,727	75.0	98,333	1.3	8,027,821
4E	1997	1,856	100.0	0	0	0	0	0	0	0	0	1,856
	2003	0	0	0	0	0	0	698	100.0	0	0	698
	2011	0	0	84	100.0	0	0	0	0	0	0	84
	All Yrs	1,856	72.7	0	0	0	0	698	27.3	0	0	2,554

Note: Table includes only years with data

a) NA indicates data not available

Table 5-3b. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
2C	1995	60	13.2	71	15.6	5	1.1	287	63.1	32	7.0	455
	1996	62	13.0	74	15.5	6	1.3	321	67.4	13	2.7	476
	1997	61	16.6	55	15.0	5	1.4	238	64.9	8	2.2	367
	1998	60	27.9	16	7.4	2	0.9	129	60.0	8	3.7	215
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	54	27.3	26	13.1	3	1.5	112	56.6	3	1.5	198
	2001	49	26.9	25	13.7	1	0.5	106	58.2	1	0.5	182
	2002	43	27.2	8	5.1	6	3.8	99	62.7	2	1.3	158
	2003	42	23.1	6	3.3	2	1.1	130	71.4	2	1.1	182
	2004	41	23.2	2	1.1	1	0.6	132	74.6	1	0.6	177
	2005	51	32.5	5	3.2	0	0.0	99	63.1	2	1.3	157
	2006	51	33.3	18	11.8	0	0.0	84	54.9	0	0.0	153
	2007	51	79.7	13	20.3	0	0.0	0	0.0	0	0.0	64
	2008	46	74.2	16	25.8	0	0.0	0	0.0	0	0.0	62
	2009	28	82.4	6	17.6	0	0.0	0	0.0	0	0.0	34
	2010	33	23.7	22	15.8	0	0.0	84	60.4	0	0.0	139
	2011	11	16.2	6	8.8	0	0.0	50	73.5	1	1.5	68
	2012	29	32.2	9	10.0	0	0.0	52	57.8	0	0.0	90
	2013	30	31.3	11	11.5	0	0.0	55	57.3	0	0.0	96
	2014	36	34.3	6	5.7	0	0.0	63	60.0	0	0.0	105
	All Yrs	838	23.1	395	10.9	34	0.9	2,290	63.1	75	2.1	3,632
3A	1995	85	15.7	67	12.4	17	3.1	309	57.1	63	11.6	541
	1996	67	11.2	94	15.7	8	1.3	409	68.2	22	3.7	600
	1997	100	19.3	71	13.7	5	1.0	331	64.0	10	1.9	517
	1999	55	19.4	42	14.8	5	1.8	168	59.4	13	4.6	283
	2000	48	21.5	24	10.8	8	3.6	135	60.5	8	3.6	223
	2001	54	22.7	23	9.7	1	0.4	155	65.1	5	2.1	238
	2002	56	23.9	15	6.4	9	3.8	149	63.7	5	2.1	234
	2003	52	21.7	3	1.3	3	1.3	180	75.0	2	0.8	240
	2004	59	22.6	8	3.1	2	0.8	188	72.0	4	1.5	261
	2005	47	23.7	6	3.0	2	1.0	142	71.7	1	0.5	198
	2006	57	26.5	6	2.8	3	1.4	147	68.4	2	0.9	215
	2007	92	29.6	15	4.8	2	0.6	202	65.0	0	0.0	311
	2008	57	23.0	22	8.9	6	2.4	161	64.9	2	0.8	248
	2010	41	28.1	6	4.1	2	1.4	96	65.8	1	0.7	146
	2011	33	23.4	8	5.7	1	0.7	97	68.8	2	1.4	141
	2012	32	28.8	3	2.7	0	0.0	76	68.5	0	0.0	111
	2013	45	46.9	4	4.2	0	0.0	47	49.0	0	0.0	96
	2014	46	32.2	2	1.4	0	0.0	95	66.4	0	0.0	143
	All Yrs	1,057	21.7	422	8.6	75	1.5	3,185	65.3	140	2.9	4,879
3B	1995	23	15.0	21	13.7	8	5.2	57	37.3	44	28.8	153
	1996	37	14.4	25	9.7	5	1.9	184	71.6	6	2.3	257
	1997	43	15.4	33	11.8	4	1.4	199	71.3	0	0.0	279
	1998	16	15.5	11	10.7	4	3.9	63	61.2	9	8.7	103
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	22	25.6	6	7.0	3	3.5	52	60.5	3	3.5	86
	2001	17	18.5	7	7.6	1	1.1	65	70.7	2	2.2	92

Table 5-3b continued. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
3B Cont.	2002	26	31.7	2	2.4	3	3.7	49	59.8	2	2.4	82
	2003	21	24.7	3	3.5	3	3.5	57	67.1	1	1.2	85
	2004	19	26.8	0	0.0	1	1.4	48	67.6	3	4.2	71
	2005	18	27.7	3	4.6	0	0.0	43	66.2	1	1.5	65
	2006	20	27.0	4	5.4	0	0.0	50	67.6	0	0.0	74
	2007	26	36.1	3	4.2	1	1.4	42	58.3	0	0.0	72
	2008	14	21.5	6	9.2	1	1.5	44	67.7	0	0.0	65
	2009	16	43.2	2	5.4	1	2.7	16	43.2	2	5.4	37
	2010	23	50.0	1	2.2	0	0.0	22	47.8	0	0.0	46
	2011	13	31.7	2	4.9	0	0.0	26	63.4	0	0.0	41
	2012	10	41.7	0	0.0	0	0.0	14	58.3	0	0.0	24
	2013	20	55.6	3	8.3	0	0.0	11	30.6	2	5.6	36
	2014	23	48.9	1	2.1	0	0.0	23	48.9	0	0.0	47
	All Yrs	407	23.7	133	7.8	35	2.0	1,065	62.1	75	4.4	1,715
4A	1995	8	8.7	15	16.3	4	4.3	28	30.4	37	40.2	92
	1996	9	9.8	22	23.9	0	0.0	57	62.0	4	4.3	92
	1997	26	15.0	27	15.6	28	16.2	91	52.6	1	0.6	173
	1998	3	5.2	6	10.3	0	0.0	47	81.0	2	3.4	58
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	7	8.4	10	12.0	1	1.2	62	74.7	3	3.6	83
	2001	6	9.7	8	12.9	5	8.1	42	67.7	1	1.6	62
	2002	12	23.5	6	11.8	1	2.0	30	58.8	2	3.9	51
	2003	7	13.5	9	17.3	0	0.0	35	67.3	0	0.0	52
	2004	10	18.9	5	9.4	0	0.0	36	67.9	1	1.9	53
	2005	13	19.7	8	12.1	1	1.5	44	66.7	2	3.0	66
	2006	11	23.4	5	10.6	0	0.0	31	66.0	0	0.0	47
	2007	24	30.8	11	14.1	2	2.6	41	52.6	0	0.0	78
	2008	13	27.7	3	6.4	0	0.0	31	66.0	0	0.0	47
	2009	4	22.2	2	11.1	1	5.6	11	61.1	0	0.0	18
	2010	5	16.1	6	19.4	0	0.0	20	64.5	0	0.0	31
	2011	8	21.1	5	13.2	0	0.0	24	63.2	1	2.6	38
	2012	12	52.2	1	4.3	0	0.0	10	43.5	0	0.0	23
	2013	2	11.8	5	29.4	0	0.0	8	47.1	2	11.8	17
	2014	4	21.1	6	31.6	0	0.0	9	47.4	0	0.0	19
	All Yrs	184	16.7	160	14.5	43	3.9	657	59.7	56	5.1	1,100
4B	1995	0	0.0	3	23.1	1	7.7	6	46.2	3	23.1	13
	1996	2	16.7	0	0.0	1	8.3	8	66.7	1	8.3	12
	1997	5	12.8	10	25.6	1	2.6	23	59.0	0	0.0	39
	1998	1	5.9	4	23.5	0	0.0	12	70.6	0	0.0	17
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	10	21.7	8	17.4	0	0.0	27	58.7	1	2.2	46
	2001	3	9.4	7	21.9	0	0.0	22	68.8	0	0.0	32
	2002	3	18.8	0	6.3	1	6.3	11	68.8	1	6.3	16
	2003	1	3.8	2	7.7	0	0.0	23	88.5	0	0.0	26
	2004	0	0.0	1	7.1	0	0.0	13	92.9	0	0.0	14
	2005	1	8.3	1	8.3	0	0.0	9	75.0	1	8.3	12
	2006	1	8.3	7	58.3	0	0.0	3	25.0	1	8.3	12

Table 5-3b continued. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
4B Cont.	2007	1	5.6	3	16.7	0	0.0	14	77.8	0	0.0	18
	2008	7	22.6	0	0.0	0	0.0	24	77.4	0	0.0	31
	2009	3	15.0	3	15.0	0	0.0	14	70.0	0	0.0	20
	2010	1	9.1	6	54.5	0	0.0	4	36.4	0	0.0	11
	2011	4	14.8	1	3.7	0	0.0	22	81.5	0	0.0	27
	2012	6	46.2	0	0.0	0	0.0	7	53.8	0	0.0	13
	2013	2	22.2	0	0.0	0	0.0	7	77.8	0	0.0	9
	2014	3	20.0	0	0.0	0	0.0	12	80.0	0	0.0	15
	All Yrs	54	14.1	56	14.6	4	1.0	261	68.1	8	2.1	383
4C	1995	0	0.0	1	33.3	0	0.0	0	0.0	2	66.7	3
	1996	3	10.3	0	0.0	1	3.4	23	79.3	2	6.9	29
	1997	2	22.2	3	33.3	1	11.1	3	33.3	0	0.0	9
	1998	0	0.0	2	25.0	0	0.0	5	62.5	1	12.5	8
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2	20.0	1	10.0	0	0.0	6	60.0	1	10.0	10
	2001	3	23.1	1	7.7	0	0.0	9	69.2	0	0.0	13
	2002	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3
	2003	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2
	2004	0	0.0	0	0.0	0	0.0	8	100.0	0	0.0	8
	2005	2	22.2	0	0.0	0	0.0	7	77.8	0	0.0	9
	2006	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1
	2007	0	0.0	3	27.3	0	0.0	8	72.7	0	0.0	11
	2008	2	20.0	3	30.0	0	0.0	5	50.0	0	0.0	10
	2009	4	40.0	0	0.0	1	10.0	5	50.0	0	0.0	10
	2010	0	0.0	5	71.4	0	0.0	2	28.6	0	0.0	7
	2011	0	0.0	0	0.0	2	11.8	15	88.2	0	0.0	17
	2012	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1
	2013	2	33.3	3	50.0	0	0.0	1	16.7	0	0.0	6
	2014	0	0.0	0	0.0	0	0.0	7	100.0	0	0.0	7
	All Yrs	21	12.8	24	14.6	5	3.0	108	65.9	6	3.7	164
4D	1995	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	2
	1996	0	0.0	1	16.7	1	16.7	4	66.7	0	0.0	6
	1997	6	27.3	2	9.1	1	4.5	13	59.1	0	0.0	22
	1998	0	0.0	3	23.1	0	0.0	9	69.2	1	7.7	13
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	0	0.0	1	6.3	0	0.0	15	93.8	0	0.0	16
	2001	4	23.5	5	29.4	0	0.0	8	47.1	0	0.0	17
	2002	0	0.0	3	18.8	0	0.0	13	81.3	0	0.0	16
	2003	0	0.0	2	13.3	3	20.0	10	66.7	0	0.0	15
	2004	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3
	2005	1	20.0	2	40.0	0	0.0	2	40.0	0	0.0	5
	2006	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	2007	1	10.0	0	0.0	0	0.0	9	90.0	0	0.0	10
	2008	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4
	2009	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2
	2010	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3
	2011	1	7.7	0	0.0	0	0.0	12	92.3	0	0.0	13

Table 5-3b continued. QS Transfer Transactions by Area, Year, Relationship of Transfer Parties, 1995-2014

Area	Year	Between Family	Pct Family	Between Friends	Pct Friend	Between Partners	Pct Partner	No Relation	Pct No Relation	Missing Information	Pct Missin	Total Transfers
4D Cont.	2012	0	0.0		0.0	0	0.0	1	100.0	0	0.0	1
	2013	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3
	2014	2	33.3		0.0	0	0.0	4	66.7	0	0.0	6
	All Yrs	16	9.9	26	16.0	6	3.7	112	69.1	2	1.2	162
4E	1997	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1
	2003		0.0	0	0	0	0	2	100.0	0	0	2
	2011	1	100.0	0	0	0	0	0	0.0	0	0	1
	All Yrs	2	50.0	0	0	0	0	2	50.0	0	0	4

Note: Table includes only years with data

a) NA indicates data not available

5.4 Use of Broker Services in Permanent QS Transfers

The transfer forms asked whether or not a broker was involved in the transfer. The tables in this section look at broker involvement in permanent transfers of QS. The next section looks at broker involvement in leases. These sections report the proportions of transfers and leases being facilitated by a broker.

Brokers were involved in a large proportion of the permanent transfers. The number of transactions involving brokers grew from 1995 to 1996, but then fell from 1996 to 1997 and fluctuating from 1997 to 2014. Table 5-4a shows that broker involvement started at 44.8 of the transactions in 1995, fluctuating to 53.7 in 2004, and ending at 59.5 in 2014. The table also shows that brokers were involved in the transfers of 47.1 of the QS transferred in 1995, 60.8 of the QS in 2003, and 50.1 in 2014.

⁴⁷

Table 5-4b provides information on the use of brokers by management area and year. The table provides data on the amount and percentage of QS transferred with the help of a broker. The table also provides data on the number of QS transfers involving a broker and the percentage those transfers represent of all QS transfers. Table 5-4c provides similar information on the use of brokers over all areas by vessel category and year.

The use of brokers appears to be smallest in the “less than 35” foot catcher vessel class. Perhaps because the fleet is comprised of smaller vessels in 2C, 3A and 3B area, in which a significant proportion of transfers were made within families. (table 5-3A)

Table 5-4b shows that brokers were heavily used in all areas. In 108 of the 160 area-year combinations, over 40 percent of the transactions involved brokers. In 73 of 160 area-year combinations, brokers were used in at least half of the transactions. Table 5-4c likewise shows that brokers were widely used in transfers for each vessel class. In 61 of the 76 vessel class-year combinations brokers were used in over 40 percent of the transactions. In eight combinations they were used in over half of the transactions. The use of brokers appears to be smallest in the “less than 35” foot catcher vessel class. Perhaps because the fleet is comprised of smaller vessels in 2C, 3A and 3B area, in which a significant proportion of transfers were made within families. (table 5-3A)

⁴⁷ In Tables 5-4a and 5-4c, broker usage rates are calculated over all halibut areas. Note that while these rates are calculated over all halibut areas, the QS for different areas are not equivalent with respect to current year IFQ associated with the QS. Therefore, rates calculated across areas in current – year IFQ equivalents would be different than the rates shown here.

Table 5-4a. Use of Brokers in Halibut QS Transfers, by Year

Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions	Total Annual Transactions Per year	Percent of Annual Transactions
1995	No	25,814,841	48,759,092	52.9	695	1,259	55.2
	Yes	22,944,251	48,759,092	47.1	564	1,259	44.8
1996	No	16,697,697	46,728,209	35.7	715	1,472	48.6
	Yes	30,030,512	46,728,209	64.3	757	1,472	51.4
1997	No	15,320,317	38,473,505	39.8	698	1,407	49.6
	Yes	23,153,188	38,473,505	60.2	709	1,407	50.4
1998	No	9,794,778	20,077,127	48.8	365	697	52.4
	Yes	10,282,349	20,077,127	51.2	332	697	47.6
1999	No	16,017,287	31,805,962	50.4	403	817	49.3
	Yes	15,788,675	31,805,962	49.6	414	817	50.7
2000	No	14,498,314	30,079,420	48.2	361	672	53.7
	Yes	15,581,106	30,079,420	51.8	311	672	46.3
2001	No	11,541,943	26,650,293	43.3	348	647	53.8
	Yes	15,108,350	26,650,293	56.7	299	647	46.2
2002	No	11,420,823	22,777,956	50.1	311	584	53.3
	Yes	11,357,133	22,777,956	49.9	273	584	46.7
2003	No	11,471,649	29,240,130	39.2	331	626	52.9
	Yes	17,768,481	29,240,130	60.8	295	626	47.1
2004	No	10,259,174	22,852,166	44.9	275	594	46.3
	Yes	12,592,992	22,852,166	55.1	319	594	53.7
2005	No	10,438,312	20,656,168	50.5	256	517	49.5
	Yes	10,217,856	20,656,168	49.5	261	517	50.5
2006	No	9,507,863	19,440,708	48.9	241	501	48.1
	Yes	9,932,845	19,440,708	51.1	260	501	51.9
2007	No	12,013,820	24,886,858	48.3	332	681	48.8
	Yes	12,873,038	24,886,858	51.7	349	681	51.2
2008	No	10,184,079	18,251,075	55.8	318	582	54.6
	Yes	8,066,996	18,251,075	44.2	264	582	45.4
2009	No	5,475,554	11,337,587	48.3	125	299	41.8
	Yes	5,862,033	11,337,587	51.7	174	299	58.2
2010	No	5,615,028	14,557,757	38.6	218	391	55.8
	Yes	8,942,729	14,557,757	61.4	173	391	44.2
2011	No	6,913,604	16,625,050	41.6	148	352	42.0
	Yes	9,711,446	16,625,050	58.4	204	352	58.0
2012	No	3,530,797	9,439,471	37.4	133	268	49.6
	Yes	5,908,674	9,439,471	62.6	135	268	50.4
2013	No	7,350,411	12,216,919	60.2	153	269	56.9
	Yes	4,866,508	12,216,919	39.8	116	269	43.1
2014	No	8,469,119	16,973,667	49.9	165	349	47.3
	Yes	8,504,548	16,973,667	50.1	184	349	52.7

Broker usage rates are calculated over all halibut areas. However, the QS for different areas are not equivalent with respect to current year IFQ associated with the QS. Therefore, rates calculated across areas in current-year IFQ equivalents would be different than the rates shown here.

Table 5-4b. Use of Brokers in Halibut QS Transfers, by Area and Year

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
2C	1995	No	5,472,639	10,488,537	52.2	244	455	53.6
		Yes	5,015,898	10,488,537	47.8	211	455	46.4
	1996	No	4,000,864	8,970,321	44.6	244	476	51.3
		Yes	4,969,457	8,970,321	55.4	232	476	48.7
	1997	No	1,975,338	5,952,264	33.2	184	367	50.1
		Yes	3,976,926	5,952,264	66.8	183	367	49.9
	1998	No	1,433,522	3,602,291	39.8	106	215	49.3
		Yes	2,168,769	3,602,291	60.2	109	215	50.7
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	2,760,040	6,293,229	43.9	106	199	53.3
		Yes	3,533,189	6,293,229	56.1	93	199	46.7
	2001	No	2,398,706	5,011,728	47.9	105	187	56.1
		Yes	2,613,022	5,011,728	52.1	82	187	43.9
	2002	No	2,435,257	4,983,251	48.9	87	166	52.4
		Yes	2,547,994	4,983,251	51.1	79	166	47.6
	2003	No	2,941,102	4,858,727	60.5	113	189	59.8
		Yes	1,917,625	4,858,727	39.5	76	189	40.2
	2004	No	1,995,418	4,419,506	45.2	86	180	47.8
		Yes	2,424,088	4,419,506	54.8	94	180	52.2
	2005	No	2,730,042	4,910,190	55.6	74	157	47.1
		Yes	2,180,148	4,910,190	44.4	83	157	52.9
	2006	No	2,533,746	3,939,219	64.3	88	155	56.8
		Yes	1,405,473	3,939,219	35.7	67	155	43.2
	2007	No	2,145,363	4,074,531	52.7	78	170	45.9
		Yes	1,929,168	4,074,531	47.3	92	170	54.1
	2008	No	2,407,895	3,889,590	61.9	93	174	53.4
		Yes	1,481,695	3,889,590	38.1	81	174	46.6
	2009	No	1,738,119	2,534,310	68.6	46	75	61.3
		Yes	796,191	2,534,310	31.4	29	75	38.7
	2010	No	1,508,823	3,882,076	38.9	66	140	47.1
		Yes	2,373,253	3,882,076	61.1	74	140	52.9
	2011	No	622,127	1,302,243	47.8	41	68	60.3
		Yes	680,116	1,302,243	52.2	27	68	39.7
	2012	No	1,202,601	2,238,095	53.7	54	91	59.3
		Yes	1,035,494	2,238,095	46.3	37	91	40.7
	2013	No	1,407,860	2,980,296	47.2	49	98	50.0
		Yes	1,572,436	2,980,296	52.8	49	98	50.0
	2014	No	1,658,921	3,198,620	51.9	55	105	52.4
		Yes	1,539,699	3,198,620	48.1	50	105	47.6
3A	1995	No	14,769,718	28,557,489	51.7	305	541	56.4
		Yes	13,787,771	28,557,489	48.3	236	541	43.6
	1996	No	8,546,517	26,626,791	32.1	282	600	47.0
		Yes	18,080,274	26,626,791	67.9	318	600	53.0
	1997	No	7,571,519	18,560,798	40.8	272	517	52.6
		Yes	10,989,279	18,560,798	59.2	245	517	47.4
	1998	No	5,593,162	11,374,984	49.2	152	283	53.7
		Yes	5,781,822	11,374,984	50.8	131	283	46.3
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	7,002,308	14,104,337	49.6	119	228	52.2
		Yes	7,102,029	14,104,337	50.4	109	228	47.8
	2001	No	5,195,619	12,824,496	40.5	118	239	49.4
		Yes	7,628,877	12,824,496	59.5	121	239	50.6
	2002	No	5,430,223	13,014,661	41.7	127	246	51.6
		Yes	7,584,438	13,014,661	58.3	119	246	48.4
	2003	No	4,806,984	10,957,094	43.9	124	251	49.4
		Yes	6,150,110	10,957,094	56.1	127	251	50.6
	2004	No	5,245,321	11,069,057	47.4	129	262	49.2
		Yes	5,823,736	11,069,057	52.6	133	262	50.8
	2005	No	3,418,566	7,631,332	44.8	90	200	45.0
		Yes	4,212,766	7,631,332	55.2	110	200	55.0
	2006	No	4,173,332	9,386,115	44.5	88	217	40.6
		Yes	5,212,783	9,386,115	55.5	129	217	59.4

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
3A Cont.	2007	No	5,342,720	11,330,694	47.2	163	313	52.1
		Yes	5,987,974	11,330,694	52.8	150	313	47.9
	2008	No	4,592,353	8,583,586	53.5	131	248	52.8
		Yes	3,991,233	8,583,586	46.5	117	248	47.2
	2009	No	2,545,468	5,081,707	50.1	43	133	32.3
		Yes	2,536,239	5,081,707	49.9	90	133	67.7
	2010	No	2,782,108	6,181,814	45.0	68	148	45.9
		Yes	3,399,706	6,181,814	55.0	80	148	54.1
	2011	No	4,007,352	8,430,949	47.5	59	142	41.5
		Yes	4,423,597	8,430,949	52.5	83	142	58.5
	2012	No	1,248,214	3,786,802	33.0	49	115	42.6
		Yes	2,538,588	3,786,802	67.0	66	115	57.4
	2013	No	3,014,498	5,202,286	57.9	58	99	58.6
		Yes	2,187,788	5,202,286	42.1	41	99	41.4
3B	2014	No	4,044,272	8,753,810	46.2	55	145	37.9
		Yes	4,709,538	8,753,810	53.8	90	145	62.1
	1995	No	4,043,580	7,332,140	55.1	85	153	55.6
		Yes	3,288,560	7,332,140	44.9	68	153	44.4
	1996	No	2,598,515	7,576,146	34.3	107	257	41.6
		Yes	4,977,631	7,576,146	65.7	150	257	58.4
	1997	No	3,229,380	7,184,384	44.9	128	279	45.9
		Yes	3,955,004	7,184,384	55.1	151	279	54.1
	1998	No	1,889,617	3,077,361	61.4	60	103	58.3
		Yes	1,187,744	3,077,361	38.6	43	103	41.7
	1999	No	NA	NA	NA	NA	NA	NA
		Yes	2,140,010	3,939,314	54.3	50	87	57.5
	2000	No	1,799,304	3,939,314	45.7	37	87	42.5
		Yes	1,650,255	4,297,555	38.4	41	94	43.6
4A	2001	No	2,647,300	4,297,555	61.6	53	94	56.4
		Yes	1,805,917	3,871,231	46.6	36	83	43.4
	2002	No	2,065,314	3,871,231	53.4	47	83	56.6
		Yes	1,921,781	5,052,225	38.0	41	89	46.1
	2003	No	3,130,444	5,052,225	62.0	48	89	53.9
		Yes	1,381,958	3,182,009	43.4	27	74	36.5
	2004	No	1,800,051	3,182,009	56.6	47	74	63.5
		Yes	2,016,810	4,125,444	48.9	36	65	55.4
	2005	No	2,108,634	4,125,444	51.1	29	65	44.6
		Yes	2,104,923	3,812,790	55.2	38	75	50.7
	2006	No	1,707,867	3,812,790	44.8	37	75	49.3
		Yes	2,268,015	3,812,566	59.5	34	65	52.3
	2007	No	1,544,551	3,812,566	40.5	31	65	47.7
		Yes	1,188,521	2,260,512	52.6	34	75	45.3
4A	2008	No	1,071,991	2,260,512	47.4	41	75	54.7
		Yes	601,853	1,337,924	45.0	28	45	62.2
	2009	No	736,071	1,337,924	55.0	17	45	37.8
		Yes	1,049,244	1,777,124	59.0	29	46	63.0
	2010	No	727,880	1,777,124	41.0	17	46	37.0
		Yes	962,258	2,767,358	34.8	15	43	34.9
	2011	No	1,805,100	2,767,358	65.2	28	43	65.1
		Yes	365,569	1,667,803	21.9	8	24	33.3
	2012	No	1,302,234	1,667,803	78.1	16	24	66.7
		Yes	1,903,270	2,456,199	77.5	26	37	70.3
	2013	No	552,929	2,456,199	22.5	11	37	29.7
		Yes	1,284,361	2,992,627	42.9	19	48	39.6
	2014	No	1,708,266	2,992,627	57.1	29	48	60.4
		Yes	1,056,211	1,757,035	60.1	48	92	52.2
4A	1995	No	700,824	1,757,035	39.9	44	92	47.8
		Yes	805,860	2,069,893	38.9	46	92	50.0
	1996	No	1,264,033	2,069,893	61.1	46	92	50.0
		Yes	1,210,001	3,444,152	35.1	83	173	48.0
	1997	No	2,234,151	3,444,152	64.9	90	173	52.0
		Yes	613,009	905,843	67.7	37	58	63.8
	1998	No	292,834	905,843	32.3	21	58	36.2
		Yes	NA	NA	NA	NA	NA	NA
	1999	No	NA	NA	NA	NA	NA	NA
		Yes	NA	NA	NA	NA	NA	NA

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
4A Cont.	2000	No	1,360,173	2,865,572	47.5	49	84	58.3
		Yes	1,505,399	2,865,572	52.5	35	84	41.7
	2001	No	921,531	1,613,476	57.1	45	63	71.4
		Yes	691,945	1,613,476	42.9	18	63	28.6
	2002	No	831,078	1,785,424	46.5	36	53	67.9
		Yes	954,346	1,785,424	53.5	17	53	32.1
	2003	No	851,135	1,497,414	56.8	32	51	62.7
		Yes	646,279	1,497,414	43.2	19	51	37.3
	2004	No	959,922	2,187,984	43.9	27	52	51.9
		Yes	1,228,062	2,187,984	56.1	25	52	48.1
	2005	No	1,194,627	2,710,554	44.1	35	69	50.7
		Yes	1,515,927	2,710,554	55.9	34	69	49.3
	2006	No	439,089	1,877,975	23.4	22	47	46.8
		Yes	1,438,886	1,877,975	76.6	25	47	53.2
	2007	No	1,340,523	3,611,517	37.1	33	50	66.0
		Yes	2,270,994	3,611,517	62.9	17	50	34.0
	2008	No	1,062,385	1,823,276	58.3	33	50	66.0
		Yes	760,891	1,823,276	41.7	17	50	34.0
	2009	No	94,488	531,789	17.8	7	18	38.9
		Yes	437,301	531,789	82.2	11	18	61.1
	2010	No	94,079	1,426,405	6.6	5	31	16.1
		Yes	1,332,326	1,426,405	46.2	26	31	83.9
	2011	No	594,689	1,287,599	53.8	19	40	47.5
		Yes	692,910	1,287,599	50.2	21	40	52.5
	2012	No	498,896	994,340	49.8	14	23	60.9
		Yes	495,444	994,340	36.2	9	23	39.1
	2013	No	209,607	578,432	63.8	9	17	52.9
		Yes	368,825	578,432	17.8	8	17	47.1
	2014	No	303,328	433,013	82.2	12	19	63.2
		Yes	129,685	433,013	46.2	7	19	36.8
4B	1995	No	276,676	408,998	67.6	9	13	69.2
		Yes	132,322	408,998	32.4	4	13	30.8
	1996	No	75,418	432,444	17.4	6	12	50.0
		Yes	357,026	432,444	82.6	6	12	50.0
	1997	No	980,027	1,799,544	54.5	20	39	51.3
		Yes	819,517	1,799,544	45.5	19	39	48.7
	1998	No	20,615	579,841	3.6	2	17	11.8
		Yes	559,226	579,841	96.4	15	17	88.2
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	894,217	1,914,907	46.7	26	48	54.2
		Yes	1,020,690	1,914,907	53.3	22	48	45.8
	2001	No	539,239	1,344,646	40.1	22	33	66.7
		Yes	805,407	1,344,646	59.9	11	33	33.3
	2002	No	325,891	673,761	48.4	11	16	68.8
		Yes	347,870	673,761	51.6	5	16	31.3
	2003	No	447,304	1,388,207	32.2	10	27	37.0
		Yes	940,903	1,388,207	67.8	17	27	63.0
	2004	No	343,286	1,286,251	26.7	4	15	26.7
		Yes	942,965	1,286,251	73.3	11	15	73.3
	2005	No	623,100	750,014	83.1	9	12	75.0
		Yes	126,914	750,014	16.9	3	12	25.0
	2006	No	311,509	547,715	56.9	9	11	81.8
		Yes	236,206	547,715	43.1	2	11	18.2
	2007	No	838,332	1,178,518	71.1	13	20	65.0
		Yes	340,186	1,178,518	28.9	7	20	35.0
	2008	No	636,235	1,156,951	55.0	17	31	54.8
		Yes	520,716	1,156,951	45.0	14	31	45.2
	2009	No	269,909	1,220,059	22.1	8	21	38.1
		Yes	950,150	1,220,059	77.9	13	21	61.9
	2011	No	523,267	1,352,465	38.7	10	27	37.0
		Yes	829,198	1,352,465	61.3	17	27	63.0
	2012	No	186,250	645,379	28.9	7	13	53.8
		Yes	459,129	645,379	71.1	6	13	46.2
	2013	No	219,883	404,040	54.4	3	9	33.3
		Yes	184,157	404,040	45.6	6	9	66.7
4B	2014	No	953,009	1,183,251	80.5	16	19	84.2

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
Cont		Yes	230,242	1,183,251	19.5	3	19	15.8
4C	1995	No	86,454	105,330	82.1	2	3	66.7
		Yes	18,876	105,330	17.9	1	3	33.3
	1996	No	614,446	614,446	100.0	29	29	100.0
		Yes	0	614,446	0.0	0	29	0.0
	1997	No	77,855	380,063	20.5	3	9	33.3
		Yes	302,208	380,063	79.5	6	9	66.7
	1998	No	76,415	213,635	35.8	3	8	37.5
		Yes	137,220	213,635	64.2	5	8	62.5
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	157,123	222,741	70.5	7	10	70.0
		Yes	65,618	222,741	29.5	3	10	30.0
	2001	No	307,040	720,578	42.6	5	14	35.7
		Yes	413,538	720,578	57.4	9	14	64.3
	2003	No	196,545	463,048	42.4	3	5	60.0
		Yes	266,503	463,048	57.6	2	5	40.0
	2004	No	138,495	379,272	36.5	1	8	12.5
		Yes	240,777	379,272	63.5	7	8	87.5
	2005	No	350,009	423,476	82.7	7	9	77.8
		Yes	73,467	423,476	17.3	2	9	22.2
	2006	No	0	32,196	0.0	0	1	0.0
		Yes	32,196	32,196	100.0	1	1	100.0
	2007	No	60,567	403,839	15.0	3	11	27.3
		Yes	343,272	403,839	85.0	8	11	72.7
	2008	No	251,381	477,733	52.6	7	10	70.0
		Yes	226,352	477,733	47.4	3	10	30.0
	2009	No	205,089	579,500	35.4	3	10	30.0
		Yes	374,411	579,500	64.6	7	10	70.0
	2010	No		343,765	0.0	0	7	0.0
		Yes	343,765	343,765	100.0	7	7	100.0
	2011	No	9,053	554,708	1.6	2	18	11.1
		Yes	545,655	554,708	98.4	16	18	88.9
	2012	No	29,267	29,267	100.0	1	1	100.0
		Yes	-	29,267	0.0	0	1	0.0
	2013	No	284,748	285,121	99.9	5	6	83.3
		Yes	373	285,121	0.1	1	6	16.7
	2014	No	147,877	266,439	55.5	4	7	57.1
		Yes	118,562	266,439	44.5	3	7	42.9
4D	1995	No	109,563	109,563	100.0	2	2	100.0
		Yes	0	109,563	0.0	0	2	0.0
	1996	No	56,077	438,168	12.8	1	6	16.7
		Yes	382,091	438,168	87.2	5	6	83.3
	1997	No	274,341	1,150,444	23.8	7	22	31.8
		Yes	876,103	1,150,444	76.2	15	22	68.2
	1998	No	168,438	323,172	52.1	5	13	38.5
		Yes	154,734	323,172	47.9	8	13	61.5
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	184,443	739,320	24.9	4	16	25.0
		Yes	554,877	739,320	75.1	12	16	75.0
	2001	No	529,553	837,814	63.2	12	17	70.6
		Yes	308,261	837,814	36.8	5	17	29.4
	2002	No	592,457	952,345	62.2	13	19	68.4
		Yes	359,888	952,345	37.8	6	19	31.6
	2003	No	306,100	603,474	50.7	6	12	50.0
		Yes	297,374	603,474	49.3	6	12	50.0
	2004	No	194,774	328,087	59.4	1	3	33.3
		Yes	133,313	328,087	40.6	2	3	66.7
	2005	No	105,158	105,158	100.0	0	5	100.0
		Yes	0	105,158	0.0	5	5	0.0
	2007	No	18,300	475,193	3.9	1	10	10.0
		Yes	456,893	475,193	96.1	9	10	90.0
	2008	No	45,309	59,427	76.2	3	4	75.0
		Yes	14,118	59,427	23.8	1	4	25.0
4D Cont.	2009	No	20,628	52,298	39.4	1	3	33.3

Area	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker?	Total Annual Transactions	Percent of Annual Transactions
	2010	Yes	31,670	52,298	60.6	2	3	66.7
		No	89,093	412,399	21.6	2	8	25.0
	2011	Yes	323,306	412,399	78.4	6	8	75.0
		No	194,774	929,644	21.0	1	13	7.7
	2012	Yes	734,870	929,644	79.0	12	13	92.3
		No	77,785	77,785	0.0	1	1	0.0
	2013	Yes	77,785	77,785	100	1	1	100
		No	310,545	310,545	100	3	3	100
	2014	Yes	310,545	310,545	0.0	3	3	0.0
		No	77,351	145,907	53.0	4	6	66.7
		Yes	68,556	145,907	47.0	2	6	33.3
4E	1997	No	1,856	1,856	100.0	1	1	100
		Yes	0	1,856	0	0	1	0.0
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2003	No	698	698	100	2	2	100
		Yes	0	698	0.0	0	2	0.0
	2011	No	84	84	100	1	1	100
		Yes	0	84	0.0	0	1	0.0

Note: Table includes only years with data

a) NA indicates data not available

Table 5-4c. Use of Brokers in Halibut QS Transfers, By Vessel Category and Year

Vessel Category	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker	Total Annual Transactions	Percent of Annual Transactions
Freezer	1995	No	328,232	424,580	77.3	8	10	80.0
		Yes	96,348	424,580	22.7	2	10	20.0
	1996	No	384,920	911,984	42.2	11	27	40.7
		Yes	527,064	911,984	57.8	16	27	59.3
	1997	No	103,621	893,749	11.6	2	23	8.7
		Yes	790,128	893,749	88.4	21	23	91.3
	1998	No	74,652	670,631	11.1	5	9	55.6
		Yes	595,979	670,631	88.9	4	9	44.4
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	296,679	587,125	50.5	9	15	60.0
		Yes	290,446	587,125	49.5	6	15	40.0
	2001	No	5,387	776,428	0.7	5	11	45.5
		Yes	771,041	776,428	99.3	6	11	54.5
	2002	No	1,392	234,488	0.6	1	4	25.0
		Yes	233,096	234,488	99.4	3	4	75.0
	2003	No	370,542	432,343	85.7	6	8	75.0
		Yes	61,801	432,343	14.3	2	8	25.0
	2004	No	99,746	195,918	50.9	3	6	50.0
		Yes	96,172	195,918	49.1	3	6	50.0
	2005	No	71,788	166,301	43.2	1	4	25.0
		Yes	94,513	166,301	56.8	3	4	75.0
	2006	No	314,731	323,137	97.4	4	6	66.7
		Yes	8,406	323,137	2.6	2	6	33.3
	2007	No	241,176	241,236	100.0	6	8	75.0
		Yes	60	241,236	0.0	2	8	25.0
	2008	No	68,730	122,986	55.9	3	5	60.0
		Yes	54,256	122,986	44.1	2	5	40.0
	2009	No	176,976	240,004	73.7	3	6	50.0
		Yes	63,028	240,004	26.3	3	6	50.0
	2010	No	161,920	161,920	100.0	2	2	100.0
		Yes	0	161,920	0.0	0	2	0.0
	2011	No	31,563	671,395	4.7	1	4	25.0
		Yes	639,832	671,395	95.3	3	4	75.0
	2012	No	97,840	97,840	100.0	6	6	100.0
		Yes	0	97,840	0.0		6	0.0
	2013	No	89,260	98,614	90.5	3	4	75.0
		Yes	9,354	98,614	9.5	1	4	25.0
	2014	No	9,421	65,712	14.3	1	4	25.0
		Yes	56,291	65,712	85.7	3	4	75.0
GT 60 ft	1995	No	8,002,006	15,403,625	51.9	91	216	42.1
		Yes	7,401,619	15,403,625	48.1	125	216	57.9
	1996	No	2,962,358	12,090,443	24.5	70	270	25.9
		Yes	9,128,085	12,090,443	75.5	200	270	74.1
	1997	No	5,825,027	14,296,309	40.7	110	258	42.6
		Yes	8,471,282	14,296,309	59.3	148	258	57.4
	1998	No	1,863,900	4,051,429	46.0	68	144	47.2
		Yes	2,187,529	4,051,429	54.0	76	144	52.8
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	5,739,565	11,488,648	50.0	86	167	51.5
		Yes	5,749,083	11,488,648	50.0	81	167	48.5
	2001	No	4,641,952	10,596,920	43.8	72	154	46.8
		Yes	5,954,968	10,596,920	56.2	82	154	53.2
	2002	No	3,894,391	9,064,163	43.0	70	130	53.8
		Yes	5,169,772	9,064,163	57.0	60	130	46.2
	2003	No	3,097,053	8,503,245	36.4	52	120	43.3
		Yes	5,406,192	8,503,245	63.6	68	120	56.7
	2004	No	2,272,429	5,844,333	38.9	33	92	35.9
		Yes	3,571,904	5,844,333	61.1	59	92	64.1
	2005	No	3,133,487	12,058,677	33.8	50	76	35.5
		Yes	3,317,702	12,058,677	66.2	57	76	64.5

Vessel Category	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker	Total Annual Transactions	Percent of Annual Transactions
GT 60 ft Cont.	2006	No	3,262,055	6,603,820	62.9	40	40	0.5
		Yes	2,844,854	6603820	37.1	40	40	0.5
	2007	No	3,052,262	8,561,796	35.6	55	138	39.9
		Yes	5,509,534	8,561,796	64.4	83	138	60.1
	2008	No	3,800,868	6,974,643	54.5	85	159	53.5
		Yes	3,173,775	6,974,643	45.5	74	159	46.5
	2009	No	2,011,592	4,268,218	47.1	26	68	38.2
		Yes	2,256,626	4,268,218	52.9	42	68	61.8
	2010	No	668,804	3,998,703	16.7	16	51	31.4
		Yes	3,329,899	3,998,703	83.3	35	51	68.6
	2011	No	1,700,423	6,805,727	25.0	35	115	30.4
		Yes	5,105,304	6,805,727	75.0	80	115	69.6
	2012	No	530,683	1,660,356	32.0	14	33	42.4
		Yes	1,129,673	1,660,356	68.0	19	33	57.6
	2013	No	2,118,249	4,049,964	52.3	20	44	45.5
		Yes	1,931,715	4,049,964	47.7	24	44	54.5
36 to 60 ft	2014	No	2,449,403	4,866,971	50.3	40	73	54.8
		Yes	2,417,568	4,866,971	49.7	33	73	45.2
	1995	No	14,381,437	27,319,289	52.6	379	686	55.2
		Yes	12,937,852	27,319,289	47.4	307	686	44.8
	1996	No	9,887,229	27,428,451	36.0	366	785	46.6
		Yes	17,541,222	27,428,451	64.0	419	785	53.4
	1997	No	7,877,632	19,608,767	40.2	358	750	47.7
		Yes	11,731,135	19,608,767	59.8	392	750	52.3
	1998	No	6,237,537	12,116,789	51.5	195	374	52.1
		Yes	5,879,252	12,116,789	48.5	179	374	47.9
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	7,242,112	15,523,839	46.7	175	339	51.6
		Yes	8,281,727	15,523,839	53.3	164	339	48.4
	2001	No	5,747,561	8,329,794	69.0	176	346	50.9
		Yes	2,582,233	8,329,794	31.0	170	346	49.1
LT 35 ft	2002	No	5,989,144	12,807,039	46.8	154	306	50.3
		Yes	6,817,895	12,807,039	53.2	152	306	49.7
	2003	No	6,331,127	14,748,625	42.9	171	392	43.6
		Yes	8,417,498	14,748,625	57.1	221	392	56.4
	2004	No	6,894,125	14,297,255	48.2	136	321	42.4
		Yes	7,403,130	14,297,255	51.8	185	321	57.6
	2005	No	6,394,026	8,475,600	26.1	145	140	39.3
		Yes	5,369,949	8,475,600	73.9	133	140	60.7
	2006	No	5,125,390	6,545,521	35.4	134	105	39.0
		Yes	6,555,872	6,545,521	64.6	174	105	61.0
	2007	No	6,897,684	12,896,179	53.5	153	303	50.5
		Yes	5,998,495	12,896,179	46.5	150	303	49.5
	2008	No	5,205,398	9,044,399	57.6	136	232	58.6
		Yes	3,839,001	9,044,399	42.4	96	232	41.4
	2009	No	2,627,881	5,537,480	47.5	64	140	45.7
		Yes	2,909,599	5,537,480	52.5	76	140	54.3
36 to 60 ft	2010	No	3,867,315	8,457,425	45.7	89	195	45.6
		Yes	4,590,110	8,457,425	54.3	106	195	54.4
	2011	No	4,773,357	8,083,451	59.1	70	146	47.9
		Yes	3,310,094	8,083,451	40.9	76	146	52.1
	2012	No	2,331,839	6,366,990	36.6	64	132	48.5
		Yes	4,035,151	6,366,990	63.4	68	132	51.5
	2013	No	4,152,153	6,445,287	64.4	95	150	63.3
		Yes	2,293,134	6,445,287	35.6	55	150	36.7
	2014	No	5,249,401	10,200,801	51.5	90	192	46.9
		Yes	4,951,400	10,200,801	48.5	102	192	53.1
LT 35 ft	1995	No	3,103,166	5,611,598	55.3	217	347	62.5
		Yes	2,508,432	5,611,598	44.7	130	347	37.5
	1996	No	3,463,190	6,297,331	55.0	268	390	68.7
		Yes	2,834,141	6,297,331	45.0	122	390	31.3
	1997	No	1,514,037	3,674,680	41.2	228	376	60.6
		Yes	2,160,643	3,674,680	58.8	148	376	39.4
	1998	No	1,618,689	3,238,278	50.0	97	170	57.1
		Yes	1,619,589	3,238,278	50.0	73	170	42.9

Vessel Category	Year	Was a Broker Used?	QS Transferred With Broker	Total Annual QS Transferred	Percent of Annual QS Transferred	Number of Transactions With Broker	Total Annual Transactions	Percent of Annual Transactions
	1999	No	NA	NA	NA	NA	NA	NA
		Yes						
	2000	No	1,219,958	2,479,808	49.2	91	151	60.3
		Yes	1,259,850	2,479,808	50.8	60	151	39.7
	2001	No	1,147,043	1,957,493	58.6	95	136	69.9
		Yes	810,450	1,957,493	41.4	41	136	30.1
	2002	No	1,535,896	3,174,983	48.4	85	143	59.4
		Yes	1,639,087	3,174,983	51.6	58	143	40.6
	2003	No	1,672,927	3,042,295	55.0	102	170	60.0
		Yes	1,369,368	3,042,295	45.0	68	170	40.0
	2004	No	992,874	2,514,660	39.5	103	175	58.9
		Yes	1,521,786	2,514,660	60.5	72	175	41.1
	2005	No	839,011	2,274,703	36.9	60	128	46.9
		Yes	1,435,692	2,274,703	63.1	68	128	53.1
	2006	No	860,423	1,484,702	58.0	67	112	59.8
		Yes	624,279	1,484,702	42.0	45	112	40.2
	2007	No	1,822,698	3,187,647	57.2	118	232	50.9
		Yes	1,364,949	3,187,647	42.8	114	232	49.1
	2008	No	1,109,083	1,042,589	60.5	94	97	54.6
		Yes	999,964	1,042,589	39.5	92	97	45.4
	2009	No	659,105	1,291,885	51.0	32	85	37.6
		Yes	632,780	1,291,885	49.0	53	85	62.4
	2010	No	916,989	1,939,709	47.3	62	125	49.6
		Yes	1,022,720	1,939,709	52.7	63	125	50.4
	2011	No	408,261	1,064,477	38.4	42	85	49.4
		Yes	656,216	1,064,477	61.6	43	85	50.6
	2012	No	570,435	1,314,285	43.4	49	97	50.5
		Yes	743,850	1,314,285	56.6	48	97	49.5
	2013	No	990,749	1,623,054	61.0	35	71	49.3
		Yes	632,305	1,623,054	39.0	36	71	50.7
	2014	No	760,894	1,840,183	41.3	34	80	42.5
		Yes	1,079,289	1,840,183	58.7	46	80	57.5

Note: Table includes only years with data

a) NA indicates data not available

5.5 Use of Broker Services in Lease Transfers

The tables in this section show the extent to which brokers were involved in leases of QS during the first fifteen years of the program. Table 5-5a looks at overall broker involvement by year, and Table 5-5b looks at broker involvement by year and management area.

Brokers were involved in significant proportions of QS leases in each year and use of Brokers decreased sharply and remained low from 2000 on. Broker use fell from 22.6 percent of the transactions in 1995 to 6.1 percent in 2000, and then rose to 18.8 percent in 2004 and fell to 1.3 percent in 2014. They were involved in the leases of 33.1 percent of the QS in 1995 but only .5 in 2014. In each year the proportions of QS leased with broker assistance were smaller than the proportions of QS transferred permanently with broker assistance.

Table 5-5a. Use of Brokers in Halibut QS Leases, By Year

Year	Was a Broker Used?	QS Leased With Broker	Total Annual QS Leased	Percent of Annual QS Leased	Number of Leases With Broker	Total Annual Leases	Percent of Annual Leases
1995	No	1,683,341	2,516,123	66.9	24	31	77.4
	Yes	832,782	2,516,123	33.1	7	31	22.6
1996	No	2,266,843	3,068,724	73.9	55	61	90.2
	Yes	801,881	3,068,724	26.1	6	61	9.8
1997	No	2,013,408	2,765,233	72.8	42	52	80.8
	Yes	751,825	2,765,233	27.2	10	52	19.2
1998	No	2,129,820	2,988,080	71.3	32	43	74.4
	Yes	858,260	2,988,080	28.7	11	43	25.6
1999	No	NA	NA	NA	NA	NA	NA
	Yes						
2000	No	2,667,570	3,303,102	80.8	46	49	93.9
	Yes	635,532	3,303,102	19.2	3	49	6.1
2001	No	3,977,029	4,431,229	89.8	44	48	91.7
	Yes	454,200	4,431,229	10.2	4	48	8.3
2002	No	3,633,838	3,930,614	92.4	47	51	92.2
	Yes	296,776	3,930,614	7.6	4	51	7.8
2003	No	3,470,740	4,019,749	86.3	36	39	92.3
	Yes	549,009	4,019,749	13.7	3	39	7.7
2004	No	2,968,792	3,267,443	90.9	26	32	81.3
	Yes	298,651	3,267,443	9.1	6	32	18.8
2005	No	3,602,135	3,716,292	96.9	41	42	97.6
	Yes	114,157	3,716,292	3.1	1	42	2.4
2006	No	2,651,190	2,982,188	88.9	39	40	97.5
	Yes	330,998	2,982,188	11.1	1	40	2.5
2007	No	3,620,986	4,260,791	85.0	63	66	95.5
	Yes	639,805	4,260,791	15.0	3	66	4.5
2008	No	6,230,843	6,503,261	95.8	96	101	95.0
	Yes	272,418	6,503,261	4.2	5	101	5.0
2009	No	8,099,520	8,350,322	97.0	131	136	96.3
	Yes	250,802	8,350,322	3.0	5	136	3.7
2010	No	8,000,590	8,180,456	97.8	126	130	96.9
	Yes	179,866	8,180,456	2.2	4	130	3.1
2011	No	8,073,524	8,473,064	95.3	127	132	96.2
	Yes	399,540	8,473,064	4.7	5	132	3.8
2012	No	10,152,574	10,573,556	96.0	138	143	96.5
	Yes	420,982	10,573,556	4.0	5	143	3.5
2013	No	11,563,401	11,637,665	99.4	139	140	99.3
	Yes	74,264	11,637,665	0.6	1	140	0.7
2014	No	11,598,316	11,662,288	99.5	150	152	98.7
	Yes	63,972	11,662,288	0.5	2	152	1.3

Note: QS were added across management areas to prepare this table. Since the pounds of IFQ per QS unit can vary across management areas and between years, the QS lease percentages reported in this table may be different from the IFQ equivalent percentages.

6 Halibut, “Sweep-ups” of Small QS Blocks

The halibut IFQ program rules created nonseverable “blocks” of QS. Blocks cannot be broken up when they are transferred; all the QS in a block has to be sold or passed on to another person as a single unit. Persons received their QS in a block at initial allocation if their QS resulted in less than 20,000 pounds of halibut IFQ, given 1994 TACs.

⁴⁸

Under the blocking rules, a person could hold a maximum of three blocks in an IFQ area, and a person with three blocks could not hold any unblocked QS.⁴⁹ However, the regulations also allow persons to combine, or “sweep-up,” two or more blocks into a single block in effect through 2014 if their combined total was equivalent to less than 3,000 pounds of a hypothetical halibut IFQ.⁵⁰

The sweep-up provisions were added because many of the issued QS blocks were very small and in some cases probably too small to make a fishing trip worthwhile.

Originally, the sweep-up limit was set at 1,000 pounds of a hypothetical IFQ. In April 1996 the NPFMC amended the IFQ program rules to increase the sweep-up limit to 3,000 pounds. This amendment became effective in December 1996 and therefore did not have a substantial effect on 1995 and 1996 sweep-up transactions. In late 2007 the halibut sweep up level was increased to 5,000 lbs equivalents in area 2C and 3A using 2004 harvest figures.⁵¹ The tables in this section reflect only the rules for sweep-ups in effect through 2014.

6.1 Changes in Sweepable QS Blocks

Table 6-1 provides data on the number of persons holding sweepable QS blocks, the number of sweepable QS blocks, and the total amount of sweepable QS in an area. Data are shown for both initial issuance and year-end 2014.

Administrative or legal QS revocations are the only actions that should reduce the amount of sweepable QS in an area after initial issuance. However, administrative errors appear to have been recorded in the RAM database. These errors have resulted in changes to the amount of sweepable QS that cannot be explained by revocations. Some

⁴⁸ See 50 CFR 679.40(a). The 20,000 pounds is actually a hypothetical IFQ based on 1994 TACs and the amount of QS in the QS pool on October 17, 1994. The halibut QS equivalent calculated for this blocking limit is worth different annual amounts of IFQ as TACs and the QS pool change.

⁴⁹ A final rule (72 FR 44795, August 9, 2007) changed the halibut block units to three blocks, or unblocked plus one block of QS; and caused NMFS to split blocks in Areas 3B and 4C into one 20,000 block plus unblocked QS, if the original block exceeds 20,000 lbs using 2004 harvest figures.

⁵⁰ This regulation is incorporated into 50 CFR 679.41(e)(3). The 3,000 pounds of hypothetical IFQ was based upon each area’s 1996 TACs and QS pool as of January 31, 1996. The regulation translates the rule into a specific amount of QS units for each halibut area.

⁵¹ 72 FR 44795, August 9, 2007

of the other changes in the database are the result of NMFS-RAM applying corrections during 1996 and 1998 so that QS units formerly issued as unblocked became blocked.

Although the amount of sweepable QS should not change significantly after initial issuance, the number of sweepable blocks should decrease as they are combined, or swept-up, into a smaller number of larger blocks. Table 6-1 indicates there were substantial numbers of persons holding sweepable QS blocks at both initial issuance and year-end 2014. This was particularly true in Areas 2C, 3A, and 3B. The number of persons holding sweepable QS blocks and the number of sweepable blocks have each declined since initial issuance, particularly in the non-CDQ areas. In the non-CDQ areas, the percentage decrease in number of persons who held sweepable QS ranged from a 44% decline in Area 2C to a 58% decline in Area 3B. The smallest percentage decrease occurred in area 4C at 31%.

6.2 Sweep-up Transactions

Table 6-2 provides summary information on the Block sweep-up transactions by area and year. The table shows the total number of transfers and the unique number of transferors and transfer recipients. The table also indicates the amount of QS in the transfers and pounds of halibut IFQ represented by the average number of QS units transferred.

An oddity of the RAM database is that persons must first hold QS before they can execute a sweep-up transaction. Therefore, if a person holds no QS but purchases and sweeps-up one or more blocks, the first transaction is recorded as a “transfer” and not a “sweep-up.” Subsequent transactions associated with the entire sweep-up are entered individually as sweep-up transactions. Therefore, for some persons, the data in Table 6-2 do not show the transfer of the first block involved in the sweep-up. If a person already held a block of sweepable QS, then the purchase of additional blocks to combine in the sweep-up would be recorded as sweep-up transactions. A person holding two sweepable blocks may be allowed to sweep those together; this is referred to as a “Self Sweep.”

Many more sweep-up transactions occurred in 1997 and 1998 than in either 1995 or 1996. The total number of transfers, the total amount of QS involved in the transfers, and the average amounts of QS transferred and received are all much higher after 1996. This was likely related to the higher sweep-up limits set by the Council that went into effect in December 1996.

Table 6-2 also indicates that in 1995 and 1996 the number of buyers was similar to the number of sellers in each area and year, indicating most sweep-up transactions involved a sweep-up of only one or two blocks. However, in 1997 the number of transfer recipients is considerably less than the number of transferors, indicating that individuals were sweeping up more QS blocks. Again, this was likely related to the higher sweep-up limits that went into effect in late 1996.

A comparison with Table 6-1 shows that the total amount of sweepable QS involved in these transactions was quite small relative to the amount of sweepable QS in each area with the exception of 1997 when again the increase was likely related to the higher sweep up levels.

6.3 Sweepable QS Relative to Total QS

Table 6-3 shows the total amount of QS in each area at the end of 2014 and compares it to the year-end 2014 amounts of blocked QS and sweepable blocked QS. Similarly, it also compares the year-end 2014 total number of QS holders to the number of persons who held blocked QS and the number who held sweepable blocked QS.

Tables 6-3 also indicates the percentage of QS that was blocked at year-end 2014 in each area, ranging from 9.9% in Area 4B to 100% in Area 4E. The amount of QS that was blocked in area 2C, 3B, 4A and 4C has dropped to 36.1%, 34.7%, 18.8% and 26.6%. More than half the QS was blocked in Areas 2C, 3B, 4A, and 4C. The percentages of persons who held blocked QS at year-end 2014 were also high reaching and were over 60% for all areas except Area 4A, 4B, 4C and 4D where 58.8%, 41.4%, 58.5% and 43.6% of the total QS holders held blocked QS.

In contrast to blocked QS, the percentage of total QS that was sweepable at year-end 2014 was relatively small, ranging from 3.6% of the total QS in Area 4B to 16 % in Area 3B. Although sweepable QS may have represented a fairly small percentage of each area's total QS pool, a considerable number of persons held sweepable QS. For example, 61.3% of the total QS holders in Area 3A held sweepable QS at the end of 2014, yet their sweepable holdings represented only 7.5% of the total QS pool in that area. More than half of the QS holders in Areas 2C, 3A, 3B, and 4C held sweepable QS.

6.4 Summary

The Council provided a sweep-up provision for small blocks of halibut QS because many of the blocks initially issued under the IFQ program were too small and not worthwhile to fish. It was hoped that the sweep-up provision would allow such blocks to be combined into fishable blocks of QS. Sweepable QS blocks represent a relatively small portion of the total QS in each area, but a relatively large percentage of the persons in each area hold them.

In December 1996 a revised sweep-up limit became effective, raising the sweep-up limit from 1,000 pounds to 3,000 pounds of a hypothetical halibut IFQ. Relatively few sweep-up transactions occurred in 1995 and 1996, but in 1997 the number of transactions increased dramatically. In 1997 this increase occurred in all areas with period year sweeps-up and was likely related to the new sweep-up limit.

Table 6-1. Persons Holding Sweepable Halibut QS Blocks, Number of Sweepable Blocks, and Total Sweepable QS Holdings at Initial Issue and Year-end 2014

Area	Initial Persons Holding Sweepable QS	2014 Persons Holding Sweepable QS	Change in Persons Holding Sweepable QS	Initial Number of Sweepable Blocks	2014 Number of Sweepable Blocks	Change in Sweepable Blocks	Initial Amount of Sweepable QS	2014 Amount of Sweepable QS	Change in Sweepable QS
2C	1,269	669	600	1,282	1,275	7	8,268,342	15,231,646	-6,963,304
3A	1,773	766	1,007	1,798	1,669	129	13,921,758	23,853,204	-9,931,446
3B	608	253	355	623	428	195	8,690,171	8,669,631	20,540
4A	187	82	105	193	139	54	1,768,990	1,790,213	-21,223
4B	48	27	21	48	40	8	338,484	329,867	8,617
4C	42	28	14	42	41	1	556,328	556,328	0
4D	25	16	9	26	22	4	327,075	327,075	0

Table 6-2. Number of Transferors and Recipients of Halibut Sweep-up Transactions with Mean QS of Sweep-ups, By Area.

Area	Year	Official Ratio of QS/IFQ	Number of Sweep-up Transfers	Total QS Swept-Up	Total Unique Transferors	Average QS Transferred	Avg. QS Transferred Expressed as IFQ	Total Unique Recipients	Average QS Received	Avg. QS Received Expressed as IFQ
2C	1995	6.65	11	20,475	11	1,861	280	11	1,861	280
	1996	6.66	22	52,233	22	2,374	356	16	3,265	490
	1997	5.91	123	532,444	117	4,551	770	69	7,717	1,306
	1998	5.67	35	162,139	35	4,633	817	28	5,791	1,021
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	7.09	18	67,216	15	4,481	632	18	3,734	527
	2001	6.79	25	90,699	21	4,319	636	25	3,628	534
	2002	7.02	14	66,660	12	5,555	791	14	4,761	678
	2003	7.06	24	120,767	21	5,751	815	24	5,032	713
	2004	5.67	41	132,458	30	4,415	779	38	3,486	615
	2005	5.45	19	80,585	16	5,037	924	19	4,241	778
	2006	5.6	11	42,531	11	3,866	690	11	3,866	690
	2007	6.99	31	208,438	20	10,422	1,491	29	7,188	1,028
	2008	9.59	49	223,767	29	7,716	805	43	5,204	543
	2009	11.86	12	81,532	10	8,153	687	11	7,412	625
	2010	13.53	26	151,610	16	9,476	700	24	6,317	467
	2011	25.56	18	61,705	10	6,171	241	18	3,428	134
	2012	22.69	24	148,958	16	9,310	410	23	6,476	285
	2013	20.05	16	129,706	12	10,809	539	15	8,647	431
	2014	17.94	12	124,324	12	10,360	577	12	10,360	577
3A	1995	9.29	15	31,103	15	2,074	223	14	2,222	239
	1996	9.3	30	80,393	30	2,680	288	26	3,092	332
	1997	7.4	176	1,096,449	167	6,566	888	115	9,534	1,289
	1998	7.11	66	392,410	65	6,037	849	47	8,349	1,174

Area	Year	Official Ratio of QS/IFQ	Number of Sweep-up Transfers	Total QS Swept-Up	Total Unique Transfer ors	Average QS Transferred	Avg. QS Transferred Expressed as IFQ	Total Unique Recipients	Average QS Received	Avg. QS Received Expressed as IFQ
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	10.09	36	217,049	25	8,682	860	35	6,201	615
	2001	8.45	35	217,643	29	7,505	888	35	6,218	736
	2002	8.17	37	255,470	29	8,809	1,078	34	7,514	920
	2003	8.17	44	263,166	28	9,399	1,150	42	6,266	767
	2004	7.38	44	164,033	21	7,811	1,058	44	3,728	505
	2005	7.26	26	98,863	22	4,494	619	23	4,298	592
	2006	7.34	31	91,630	20	4,582	624	31	2,956	403
	2007	7.06	109	423,675	44	9,629	1,364	101	3,887	551
	2008	7.63	74	399,426	35	11,412	1,496	65	5,398	707
	2009	8.52	38	224,528	23	9,762	1,146	24	5,909	694
	2010	9.25	25	221,036	21	10,526	1,138	20	11,052	1,195
	2011	12.87	27	157,202	17	9,247	719	22	7,146	555
	2012	15.51	32	212,874	20	10,644	686	24	8,870	572
	2013	16.76	11	154,017	6	25,670	1,532	10	15,402	919
	2014	25.27	25	258,084	21	12,290	486	21	12,290	486
3B	1995	14.71	3	6,934	3	2,311	157	2	3,467	236
	1996	14.73	11	95,046	11	8,641	587	8	11,881	807
	1997	5.99	109	939,613	101	9,303	1,553	49	19,176	3,201
	1998	4.9	32	298,361	31	9,625	1,964	18	16,576	3,383
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.59	10	84,142	10	8,414	2,344	10	8,414	2,344
	2001	3.26	22	173,054	14	12,361	3,792	20	8,653	2,654
	2002	3.15	10	115,278	6	19,213	6,099	10	11,528	3,660
	2003	3.16	7	34,249	6	5,708	1,806	6	5,708	1,806
	2004	3.47	14	69,115	9	7,679	2,213	14	4,937	1,423
	2005	4.13	4	49,527	4	12,382	2,998	4	12,382	2,998
	2006	4.99	11	69,882	5	13,976	2,801	10	6,988	1,400
	2007	5.88	3	2,112	3	704	120	3	704	120
	2008	4.97	5	31,088	4	7,772	1,564	5	6,218	1,251
	2009	4.97	3	1,679	3	560	113	2	840	169
	2010	5.48	2	0	2	0	0	2	0	0
	2011	7.22	1	14,516	1	14,516	2,011	1	14,516	2,011
	2014	19.09	2	49,048	2	0	0	2	24,524	1,285
4A	1995	7.62	2	9,068	2	4,534	595	2	4,534	595
	1997	4.93	33	225,529	33	6,834	1,385	18	12,529	2,540
	1998	4.14	11	67,063	11	6,097	1,471	6	11,177	2,697
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2.92	8	42,112	8	5,264	1,803	7	6,016	2,060
	2001	2.92	4	21,438	3	7,146	2,447	3	7,146	2,447
	2002	2.92	2	2,963	1	2,963	1,015	2	1,482	507
	2003	2.94	3	10,102	2	5,051	1,718	3	3,367	1,145
	2005	4.24	1	6,093	1	6,093	1,437	1	6,093	1,437
	2006	4.35	1	5,500	1	5,500	1,264	1	5,500	1,264
	2007	5.05	1	9,900	1	9,900	1,960	1	9,900	1,960
	2008	4.71	1	8,541	1	8,541	1,813	1	8,541	1,813
	2010	6.26	1	0	1	0	0	1	0	0
	2012	9.3	1	0	1	0	0	1	0	0
	2013	10.97	1	10,075	1	10,075	918	1	10,075	918
	2014	17.16	1	9,154	1	9,154	533	1	9,154	533

Area	Year	Official Ratio of QS/IFQ	Number of Sweep-up Transfers	Total QS Swept-Up	Total Unique Transfer ors	Average QS Transferred	Avg. QS Transferred Expressed as IFQ	Total Unique Recipients	Average QS Received	Avg. QS Received Expressed as IFQ
4B	1998	3.32	1	3,720	1	3,720	1,122	1	3,720	1,122
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	2.36	1	948	1	948	402	1	948	402
	2007	8.06	2	3,823	2	1,912	237	2	1,912	237
	2008	6.24	3	5,182	3	1,727	277	2	2,591	415
4C	1998	4.99	1	13,713	1	13,713	2,746	1	13,713	2,746
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.91	1	13,386	1	13,386	3,424	1	13,386	3,424
	2001	3.91	4	73,002	3	24,334	6,224	4	18,251	4,668
	2007	4.3	1	0	1	0	0	1	0	0
	2008	4.54	1	0	1	0	0	1	0	0
4D	1998	4.38	2	8,950	2	4,475	1,023	2	4,475	1,023
	1999	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2000	3.43	1	16,179	1	16,179	4,717	1	16,179	4,717

Table 6-3. 2014 Year-end Total Halibut QS, Blocked QS, and Sweepable Blocked QS by Area

Area	Total Amount of QS	Total Number of QS Holders	Total Blocked QS	Total Persons Holding Blocked QS	Total Sweepable QS	Percent of Total QS	Percent of Blocked QS	Persons Holding Sweepable QS	Percent of Total Persons	Percent of Persons Holding Blocked QS
2C	59,477,396	1,000	42,177,590	908	15,231,646	25.6%	36.1%	669	66.9%	73.7%
3A	184,893,008	1,275	65,341,809	1,071	23,853,204	12.9%	36.5%	766	60.1%	71.5%
3B	54,201,315	464	24,957,727	405	8,669,631	16.0%	34.7%	253	54.5%	62.5%
4A	14,586,011	198	9,502,377	153	1,790,213	12.3%	18.8%	82	41.4%	53.6%
4B	9,284,774	87	3,332,789	69	329,867	3.6%	9.9%	27	31.0%	39.1%
4C	4,016,352	52	2,095,233	46	556,328	13.9%	26.6%	28	53.8%	60.9%
4D	4,958,250	45	2,428,959	36	327,075	6.6%	13.5%	16	35.6%	44.4%
4E	139,592	96	139,592	96	0	0.0%	0.0%	0	0.0%	0.0%

7 Halibut: Changes in QS Holdings by Type of Person

Under the halibut IFQ program, individuals, partnerships, skippers, corporations, and other types of entities are defined as “persons” who may hold QS. This chapter examines the distribution of QS by type of person holding the QS.

Table 7-1 summarizes information on the distribution of QS by management area and type of person. Table 7-2 provides similar information on the number of persons holding QS. Tables 7-3 and 7-4 provide similar information for aggregated person-type categories.

This chapter only looks at data from 2000 to 2014 due to the change in computer data base and an increase in number of fields an accurate comparison could not be made from the 1995-1999 data.

The halibut IFQ program contains restrictions on the ability of corporations and hedging partnerships to hold and use catcher vessel QS and IFQ. The intent of these restrictions is to assign QS to corporations and partnerships that were initial recipients, but to impose restrictions on the ability of corporations and partnerships to expand their positions in the fishery. These restrictions are somewhat more strict in Area 2C than elsewhere.

These tables provide information on the following types of QS:

<i>Corporate:</i>	QS held by corporations
<i>CQE:</i>	QS held by non-profit Community Quota Entities for use by residents of eligible communities.
<i>Estates:</i>	QS held by estates of QS recipients or other owners.
<i>Individual</i>	QS held by natural persons who are initial QS recipients.
<i>Non Profit</i>	QS held by groups that the proceeds from the CDQ allocations to start or support commercial fishery activities that will result in ongoing, regionally based, commercial fishery or related businesses.
<i>Partnership:</i>	QS held by partnerships.
<i>Skipper:</i>	QS held by individuals who are “IFQ crewmembers” rather than initial issuees.
<i>Sole Proprieter:</i>	QS held by business is owned by one individual.

Corporations and partnerships and other non-individual QS holders that are initial catcher vessel QS recipients can use the QS and IFQ they were issued and, except in Area 2C, can buy and use additional catcher vessel QS. The corporation or partnership must have at least a 20% ownership interest in the vessel on which the QS is used, and the vessel must be operated by a “Hired Master” employed by the corporation. In Area 2C, corporations and partnerships can only use the catcher vessel QS that they received as an initial allocation. The 20% minimum vessel ownership provision of the regulation was first implemented by NMFS-RAM in the 1997 season. Prior to that, there was no minimum on the percentage of vessel ownership that a corporation or partnership must have for the vessel that fished their QS.

Corporations and partnerships *that are not* initial catcher vessel QS recipients cannot acquire catcher vessel QS by transfer. If a corporation or partnership that is not an initial QS recipient comes into possession of catcher vessel QS, perhaps following a default on a loan, it will not be able to fish with the QS.⁵¹

A corporation or partnership, except for a publicly held corporation, loses the rights to fish its initial catcher vessel allocation and to buy additional QS if a new shareholder or partner is added (except for court appointed trustees acting on behalf of shareholders or partners who become incapacitated). In these cases, QS must be transferred to an individual before it can be fished again.⁵²

Corporations and partnerships that are not initial issuees may purchase freezer vessel QS.⁵³

An IFQ crew member is defined in the IFQ program as an individual approved by NMFS as having at least 150 days experience working as part of a harvesting crew in any United States commercial fishery or any individual who receives an initial allocation of QS. An individual must meet these requirements to buy QS.⁵⁴

Table 7-1 compares from 2000 and year-end 2014 distribution of QS by IFQ area and type of person. Data are supplied on the QS issued to each type of owner in 2000 for each management area, the QS held at year-end 2014 by each type of owner, the change in QS held, the percent change, and the percentage of the area’s QS held by each type of owner at 2000 and at year-end 2014.

TABLE 7-1. HALIBUT QS BY AREA AND TYPE OF HOLDER 2000-2014

AREA	PERSON TYPE	2000 TOTAL QS HOLDINGS	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE TOTAL QS HOLDINGS	2000 PCT AREA QS	YEAR-END PCT AREA QS 2014
2C	CORPORATION	973,655	523,884	-449,771	-46.2%	1.6%	0.9%
	ESTATES	59,678	99	-59,579	-99.8%	0.1%	0.0%
	INDIVIDUAL	55,437,909	55,097,097	-340,812	-0.6%	93.0%	92.6%
	PARTNERSHIP	318,787	244,093	-74,694	-23.4%	0.5%	0.4%
	SKIPPER	2,843,814	3,344,721	500,907	17.6%	4.8%	5.6%

⁵¹ See 50 CFR 679.41(g)

⁵² See 50 CFR 679.42(j)(1)(2)(3), and (4)

⁵³ The IFQ regulations do not prohibit freezer QS purchases by corporations and partnerships that were not initial issuees.

⁵⁴ NMFS_RAM classifies persons according to their status when they first enter the system. A person whose first contact is the purchase of the QS is classified as “crew”. If a person classified as crew consequently receives an initial allocation of QS, they would not be reclassified. Thus crew occasionally appear as “initial QS holders”.

AREA	PERSON TYPE	2000 TOTAL QS HOLDINGS	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE TOTAL QS HOLDINGS	2000 PCT AREA QS	YEAR-END PCT AREA QS 2014
2C	SOLE PROPRIETER	0	1,753	1,753	0.0%	0.0%	0.0%
	TRUST	0	265,848	265,848	0.0%	0.0%	0.4%
	TOTAL	59,633,843	59,477,495				
3A	CORPORATION	39,980,773	34,211,069	-5,769,704	-14.4%	21.6%	18.5%
	CQE	0	258,724	258,724	n.d.	0.0%	0.1%
	ESTATES	586,422	0	-586,422	-100.0%	0.3%	0.0%
	INDIVIDUAL	125,832,235	124,843,719	-988,516	-0.8%	68.1%	67.5%
	NON PROFIT	452,445	709,914	257,469	56.9%	0.2%	0.4%
	PARTNERSHIP	2,734,057	1,440,063	-1,293,994	-47.3%	1.5%	0.8%
	SKIPPERS	15,316,654	22,523,467	7,206,813	47.1%	8.3%	12.2%
	SOLE PROPRIETER	0	876,992	876,992	0.0%	0.0%	0.5%
	TRUST	0	29,060	29,060	n.d.	0.0%	0.0%
	TOTAL	184,902,586	184,893,008				
3B	CORPORATION	16,398,511	12,706,510	-3,692,001	-22.5%	30.4%	23.4%
	CQEA	0	151,234	151,234	0.0%	0.0%	0.3%
	ESTATES	355,990	0	-355,990		0.7%	
	INDIVIDUAL	30,685,056	31,230,959	545,903	1.8%	56.9%	57.6%
	NON PROFIT	8,498	453,019	444,521	5230.9%	0.0%	0.8%
	PARTNERSHIP	1,415,447	307,793	-1,107,654	-78.3%	2.6%	0.6%
	SKIPPERS	5,044,007	8,697,523	3,653,516	72.4%	9.4%	16.0%
	SOLE PROPRIETER	0	654,277	654,277	0.0%	0.0%	1.2%
3B	TOTAL	53,907,509	54,201,315				
4A	CORPORATION	4,239,783	2,559,088	-1,680,695	n.d.	29.2%	17.6%
	ESTATES	32,695	0	-32,695	-100.0%	0.2%	0.0%
	INDIVIDUAL	8,049,462	8,216,766	167,304	2.1%	55.5%	56.4%
	NON PROFIT	2,256	190,598	188,342	8348.5%	0.0%	1.3%
	PARTNERSHIP	384,055	247,363	-136,692	-35.6%	2.6%	1.7%
	SKIPPERS	1,795,745	3,343,777	1,548,032	86.2%	12.4%	23.0%
4A	TOTAL	14,503,996	14,557,592		0.4%	100.0%	82.4%
4B	CORPORATION	3,732,168	2,719,707	-1,012,461	-27.1%	40.2%	29.3%
	CQEA		615,956				
	ESTATES	62,077	0	-62,077	-100.0%	0.7%	0.0%
	INDIVIDUAL	3,413,398	3,136,789	-276,609	-8.1%	36.8%	33.8%
	NON PROFIT	370,314	426,241	55,927	15.1%	4.0%	4.6%
4B	SKIPPERS	1,706,817	2,386,081	679,264	39.8%	18.4%	25.7%
4B	TOTAL	9,284,774	9,284,774				
4C	CORPORATION	768,518	700,940	-67,578	-8.8%	19.1%	17.5%
	INDIVIDUAL	1,177,078	1,225,098	48,020	4.1%	29.3%	30.5%
	PARTNERSHIP	96,089	0	-96,089	-100.0%	2.4%	0.0%
4C	SKIPPERS	1,974,667	2,090,314	115,647	5.9%	49.2%	52.0%
4C	TOTAL	4,016,352	4,016,352				
4D	CORPORATION	2,284,773	1,919,988	-364,785	-16.0%	46.9%	38.7%
	INDIVIDUAL	1,839,183	1,340,591	-498,592	-27.1%	37.8%	27.0%
	NON PROFIT	122,473	178,001	55,528	45.3%	2.5%	3.6%
	PARTNERSHIP	55,528	0	-55,528	-100.0%	1.1%	0.0%

AREA	PERSON TYPE	2000 TOTAL QS HOLDINGS	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE TOTAL QS HOLDINGS	2000 PCT AREA QS	YEAR-END PCT AREA QS 2014
4D	SKIPPERS	567,319	1,519,670	952,351	167.9%	11.7%	30.6%
	TOTAL	4,869,276	4,958,250				
4E	CORPORATION	11,685	11,685	0	0.0%	8.3%	8.4%
	ESTATES	1,882	1,882	0	0.0%	1.3%	1.3%
	INDIVIDUAL	43,023	55,659	12,636	29.4%	30.7%	39.9%
	SKIPPERS	83,409	70,366	-13,043	-15.6%	59.6%	50.4%
	TOTAL	139,999	139,592				

The table shows that:

Individuals held the highest proportion of the QS in all areas except 4B and 4D at year-end 2014. The percentage of an area's QS held by Individuals at year-end 2014 varied from a low of 27.5 in Area 4C to a high of 92.6 in Area 2C.

The amount of QS held by Individuals declined in Areas 2C, 3A, 3B, 4A, 4B, 4C and 4D, and rose in Area 4E. In Area 4E the entire TAC has been devoted to CDQs and none is available for IFQs.

The amount of QS held by "skippers," increased in all areas except 4E. Skipper holdings are becoming a substantial part of overall holdings. Skipper holdings ranged from a low of 5.7 % of overall holdings in Area 2C to a high of 55.4% of overall holdings in Area 4C. The tables show that the proportion of allocations to corporate holders varied considerably among IFQ areas. 2000 allocations of QS to corporate holders ranged from a low of 1.6% in Area 2C to a high of 46.9% in Area 4D.

In seven of the eight areas the proportion of the QS held by corporations decreased from 2000 to year-end 2014. The largest decline was in Area 4A where corporate holdings dropped from 29.2% to 18.3%. The proportion of corporate holdings decreased by relatively small amounts in all areas except Area 4E.

Table 7-2 provides similar information on the number of persons holding QS by area and type of entity. Typically, the numbers of skipper QS declined. The declines in QS holders were largely due to the consolidation of QS holdings that occurred from 2000- 2014. The overall numbers of QS holders declined in each area. The declines in QS holders led to some changes in the percentage distribution of total QS holders in most areas by type of entity. The most noticeable changes were the decline in the percentage of QS holders who are individuals and the increase in the percentage of QS holders who are skippers.

TABLE 7-2. HALIBUT QS HOLDERS BY AREA AND TYPE OF HOLDER 2000-2014

AREA	PERSON TYPE	2000 TOTAL QS HOLDERS	YEAR-END TOTAL QS HOLDERS 2014	CHANGE IN TOTAL QS HOLDERS	PCT CHANGE TOTAL QS HOLDERS	2000 PCT AREA QS	YEAR-END PCT AREA QS 2014
2C	CORPORATION	43	27	-16	-37.2%	2.7%	2.7%
	ESTATES	7	0	-7	-100.0%	0.4%	0.0%
	INDIVIDUAL	1461	938	-523	-35.8%	92.4%	92.6%
	PARTNERSHIP	8	3	-5	-62.5%	0.5%	0.3%
	SKIPPERS	63	42	-21	-33.3%	4.0%	4.1%
	SOLE PROPRIETER	0	1	1	0.0%	0.0%	0.1%
	TRUST	0	2	2	0.0%	0.0%	0.2%
2C		1,582	1,013	-569	-36.0%		
3A	CORPORATION	122	79	-43	-35.2%	5.8%	6.2%
	CQEA	0	1	1	100.0%	0.0%	0.1%
	ESTATES	9	0	-9	-100.0%	0.4%	0.0%
	INDIVIDUAL	1822	1,055	-767	-42.1%	86.8%	82.2%
	NON PROFIT	1	1	0	0.0%	0.0%	0.1%
	PARTNERSHIP	24	8	-16	-66.7%	1.1%	0.6%
	SKIPPERS	120	135	15	12.5%	5.7%	10.5%
	SOLE PROPRIETER	0	2	2	0.0%	0.0%	0.0%
	TRUST	0	2	2	0.0%	0.0%	0.0%
3A		2,098	1,283		-38.8%		
3B	CORPORATION	78	59	-19	-24.4%	7.4%	12.7%
	CQEA	0	1	1	100.0%	0.0%	0.2%
	ESTATES	4	0	-4	7700.0%	0.4%	0.0%
	INDIVIDUAL	447	312	-135	-99.6%	42.3%	67.0%
	NON PROFIT	1	2	1	100.0%	0.1%	0.4%
	PARTNERSHIP	10	3	-7	-70.0%	0.9%	0.6%
	SKIPPERS	69	87	18	26.1%	6.5%	18.7%
	SOLE PROPRIETER	0	2	2			0.4%
3B	TOTAL	1,056	466		-55.9%		
4A	CORPORATION	53	27	-26	-49.1%	16.8%	13.4%
	ESTATES	2	0	-2	-100.0%	0.6%	0.0%
	INDIVIDUAL	187	127	-60	-32.1%	59.4%	63.2%
	NON PROFIT	1	1	0	0.0%	0.3%	0.5%
	PARTNERSHIP	6	2	-4	-66.7%	1.9%	1.0%
	SKIPPERS	66	44	-22	-33.3%	21.0%	21.9%
4A	TOTAL	315	201	-114	-36.2%		

AREA	PERSON TYPE	2000 TOTAL QS HOLDERS	YEAR-END TOTAL QS HOLDERS 2014	CHANGE IN TOTAL QS HOLDERS	PCT CHANGE TOTAL QS HOLDERS	2000 PCT AREA QS	YEAR-END PCT AREA QS 2014
4B	CORPORATION	26	16	-10	-38.5%	23.0%	18.4%
	CQEA		1		0.0%	100.0%	1.1%
	ESTATES	1	0	-1	-100.0%	0.9%	0.0%
	INDIVIDUAL	54	44	-10	-18.5%	47.8%	50.6%
	NON PROFIT	1	2	1	100.0%	0.9%	2.3%
	SKIPPERS	31	24	-7	-22.6%	27.4%	27.6%
4B	TOTAL	113	87				
4C	CORPORATION	12	7	-5	-41.7%	17.4%	13.2%
	ESTATES	1	0	-1	-100.0%	1.4%	0.0%
	INDIVIDUAL	22	18	-4	-18.2%	31.9%	34.0%
	PARTNERSHIP	1	0	-1	-100.0%	1.4%	0.0%
	SKIPPERS	33	28	-5	-15.2%	47.8%	52.8%
4C	TOTAL	69	53			100.0%	100
4D	CORPORATION	18	14	-4	-22.2%	34.6%	30.4%
	INDIVIDUAL	23	16	-7	-30.4%	44.2%	34.8%
	NON PROFIT	1	2	1	100.0%	1.9%	4.3%
	PARTNERSHIP	1	0	-1	-100.0%	1.9%	0.0%
	SKIPPERS	9	14	5	55.6%	17.3%	30.4%
4D	TOTAL	52	46			100.0%	100
4E	CORPORATION	3	3	0	0.0%	2.9%	3.1%
	ESTATES	2	2	0	0.0%	1.9%	2.1%
	INDIVIDUAL	41	58	17	41.5%	39.4%	60.4%
	SKIPPERS	58	33	-25	-43.1%	55.8%	34.4%
4E	TOTAL	104	96			100	100

The descriptions of QS holdings and holders by category in Tables 7-1 and 7-2 can obscure changes in the relative QS holdings of corporations and natural persons. This topic is likely to be one of particular interest.

In Tables 7-3 and 7-4, the categories of corporate, CQE, estates, individuals, non- profit, and partnership QS holder types are shown by QS management areas and vessel classes. Table 7-3 displays the amount of QS held and Table 7-4 displays the numbers of persons holding QS. These tables are sorted by type of QS holder, vessel category, and management area.

Table 7-3 provides the total 2000 QS, the total year-end 2014 QS, the change and the percentage change in QS from 2000 to 2014 for each person type, management area, and vessel category

combination. It also shows the percentage of total QS for the vessel category and area that was held by each person type at initial issuance and at year-end 2014.

“Individuals” held the vast majority of the QS in the “36 to 60 feet” and “less than or equal to 35 feet” catcher vessel class in all areas, both in 2000 and at year-end 2014. Individuals also held a majority of the freezer vessel class QS in Areas 2C, 3A, 3B, 4A, and 4C, and a majority of “greater than 60 feet” class QS in Areas 3A, and 4C, both in 2000 and at the end of 2014.

“Corporate” owners held a majority of the “freezer” vessel QS in Areas 4B and 4D in 2000 and at the end of 2014. They held a majority of “greater than 60 feet” class QS in Areas 4B, 4D and 4E in 2000, and 4A, 4C and 4E at the end of 2014.

Non profit held small portions of the QS in the freezer catcher vessel class. In 2014 the QS held by non-profits more than doubled from 2000, to 2014.

CQE held no QS in 2000 and has started to accumulate QS for 2014 in both the GT 60 feet and 36-60 feet.

TABLE 7-3. HALIBUT QS BY TYPE OF HOLDER, VESSEL CATEGORY, AND AREA 2000-2014

PERSON TYPE	VESSEL CATEGORY	AREA	TOTAL QS HOLDINGS 2000	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE IN TOTAL QS HOLDINGS	PCT VESS CAT/ AREA QS 2000	PCT VESS CAT/ AREA QS 2014
CORPORATE	Freezer	2C	7,147	21,128	13,981	195.6%	0.4%	0.9%
		3A	1,065,870	1,480,084	414,214	38.9%	55.3%	61.6%
		3B	445,526	503,855	58,329	13.1%	23.1%	21.0%
		4A	98,184	118,898	20,714	21.1%	5.1%	4.9%
		4B	76,066	44,503	-31,563	-41.5%	3.9%	1.9%
		4D	235,935	235,935	0	0.0%	12.2%	9.8%
CORPORATE	GT 60 FT.	2C	247,829	108,742	-139,087	-56.1%	0.5%	0.2%
		3A	29,296,969	26,167,093	-3,129,876	-10.7%	55.9%	59.6%
		3B	13,352,782	10,627,023	-2,725,759	-20.4%	25.5%	24.2%
		4A	3,340,417	2,294,476	-1,045,941	-31.3%	6.4%	5.2%
		4B	3,506,327	2,558,900	-947,427	-27.0%	6.7%	5.8%
		4C	639,908	456,120	-183,788	-28.7%	1.2%	1.0%
		4D	2,009,123	1,665,753	-343,370	-17.1%	3.8%	3.8%
CORPORATE	36-60 FT.	4E	11,176	11,176	0	0.0%	0.0%	0.0%
		2C	714,915	390,250	-324,665	-45.4%	5.2%	4.4%
		3A	9,355,146	6,442,087	-2,913,059	-31.1%	67.8%	72.1%
		3B	2,600,203	1,575,632	-1,024,571	-39.4%	18.8%	17.6%
		4A	801,182	145,714	-655,468	-81.8%	5.8%	1.6%
		4B	149,775	116,304	-33,471	-22.3%	1.1%	1.3%
		4C	137,566	244,820	107,254	78.0%	1.0%	2.7%
CORPORATE	LE 35 FT.	4D	39,715	18,300	-21,415	-53.9%	0.3%	0.2%
		2C	3,764	3,764	0	0.0%	1.4%	2.9%
		3A	262,788	123,664	-139,124	-52.9%	98.4%	96.7%
		4E	509	509	0	0.0%	0.2%	0.4%

PERSON TYPE	VESSEL CATEGORY	AREA	TOTAL QS HOLDINGS 2000	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE IN TOTAL QS HOLDINGS	PCT VESS CAT/ AREA QS 2000	PCT VESS CAT/ AREA QS 2014
CQE	36-60 FT.	3A	0	106,488	106,488	0.0%	0.0%	41.3%
	GT 60 FT.	3B	0	50,542	50,542	0.0%	0.0%	19.6%
	36-60 FT.	3B	0	100,692	100,692	0.0%	0.0%	39.1%
ESTATES	GT 60 FT.	2C	13,662	0	-13,662	-100.0%	1.3%	0.0%
		3A	562,406	0	-562,406	-100.0%	55.5%	0.0%
		3B	331,161	0	-331,161	-100.0%	32.7%	0.0%
		4A	32,695	0	-32,695	-100.0%	3.2%	0.0%
		4B	62,077	0	-62,077	-100.0%	6.1%	0.0%
		4D	12,077	0	-12,077	-100.0%	1.2%	0.0%
ESTATES	36-60 FT.	2C	28,251	0	-28,251	-100.0%	142.7%	0.0%
		3A	4,218	0	-4,218	-100.0%	1573.9%	0.0%
		3B	24,561	0	-24,561	-100.0%	1305.0%	0.0%
		4B	0	0	0	0.0%	0.0%	0.0%
ESTATES	LE 35 FT.	2C	17,765	99	-17,666	-99.4%	44.7%	3.6%
		3A	19,798	797	-19,001	-96.0%	2.1%	28.7%
		3B	268	-	-268	-100.0%	0.1%	0.0%
		4E	1,882	1,882	0	0.0%	1.8%	67.7%
INDIVIDUAL	Freezer	2C	1,190,283	935,892	-254,391	-21.4%	22.1%	25.5%
		3A	2,665,333	1,940,163	-725,170	-27.2%	49.5%	52.8%
		3B	922,214	511,750	-410,464	-44.5%	17.1%	13.9%
		4A	475,708	202,059	-273,649	-57.5%	8.8%	5.5%
		4B	107,109	82,745	-24,364	-22.7%	2.0%	2.3%
		4C	18,876	-	-18,876	-100.0%	0.4%	0.0%
INDIVIDUAL	GT 60 FT.	2C	2,028,174	2,106,672	78,498	3.9%	3.7%	3.9%
		3A	31,024,106	32,054,666	1,030,560	3.3%	57.0%	58.8%
		3B	12,614,905	13,038,967	424,062	3.4%	23.2%	23.9%
		4A	4,044,473	3,039,520	-1,004,953	-24.8%	7.4%	5.6%
		4B	2,377,406	2,216,208	-161,198	-6.8%	4.4%	4.1%
		4C	824,981	470,003	-354,978	-43.0%	1.5%	0.9%
INDIVIDUAL	36-60 FT.	4D	1,556,071	1,597,936	41,865	2.7%	2.9%	2.9%
		2C	43,197,693	43,884,375	686,682	1.6%	30.1%	31.5%
		3A	80,422,731	76,653,319	-3,769,412	-4.7%	56.1%	54.9%
		3B	15,590,366	15,259,097	-331,269	-2.1%	10.9%	10.9%
		4A	2,497,462	2,643,054	145,592	5.8%	1.7%	1.9%
		4B	759,792	634,200	-125,592	-16.5%	0.5%	0.5%
INDIVIDUAL	LE 35 FT.	4C	517,921	252,418	-265,503	-51.3%	0.4%	0.2%
		4D	283,112	168,812	-114,300	-40.4%	0.2%	0.1%
		4E	32,848	26,141	-6,707	-20.4%	0.0%	0.0%
		2C	9,021,759	8,728,558	-293,201	-3.2%	38.3%	40.0%
		3A	11,720,065	10,772,122	-947,943	-8.1%	49.8%	49.3%
		3B	1,557,571	1,063,062	-494,509	-31.7%	6.6%	4.9%
NON PROFIT	Freezer	4A	1,031,819	878,979	-152,840	-14.8%	4.4%	4.0%
		4B	169,091	203,429	34,338	20.3%	0.7%	0.9%
		4C	47,006	139,416	92,410	196.6%	0.2%	0.6%
		4E	10,175	48,117	37,942	372.9%	0.0%	0.2%
		3A	452,445	709,914	257,469	56.9%	47.3%	36.3%
		3B	8,498	453,019	444,521	5230.9%	0.9%	23.1%
PARTNERSHIP	Freezer	4A	2,256	190,598	188,342	8348.5%	0.2%	9.7%
		4B	370,314	426,241	55,927	15.1%	38.7%	21.8%
		4D	122,473	178,001	55,528	45.3%	12.8%	9.1%
		2C	2,905	0	-2,905	-100.0%	3.2%	0.0%
PARTNERSHIP	Freezer	3A	8,968	0	-8,968	-100.0%	9.7%	0.0%

PERSON TYPE	VESSEL CATEGORY	AREA	TOTAL QS HOLDINGS 2000	YEAR-END TOTAL QS HOLDINGS 2014	CHANGE IN TOTAL QS HOLDINGS	PCT CHANGE IN TOTAL QS HOLDINGS	PCT VESS CAT/ AREA QS 2000	PCT VESS CAT/ AREA QS 2014
PARTNERSHIP	GT 60 FT.	3B	23,949	0	-23,949	-100.0%	26.0%	0.0%
		4A	696	0	-696	-100.0%	0.8%	0.0%
		4D	55,528	0	-55,528	-100.0%	60.3%	0.0%
		2C	106,298	106,298	0	0.0%	3.4%	12.9%
		3A	1,618,434	308,742	-1,309,692	-80.9%	51.8%	37.6%
PARTNERSHIP	36-60 FT.	3B	1,080,788	175,632	-905,156	-83.7%	34.6%	21.4%
		4A	318,504	230,898	-87,606	-27.5%	10.2%	28.1%
		2C	204,336	143,469	-60,867	-29.8%	12.3%	7.8%
		3A	1,085,528	1,257,169	171,641	15.8%	65.2%	68.5%
		3B	310,710	307,793	-2,917	-0.9%	18.7%	16.8%
PARTNERSHIP	LE 35 FT.	4A	64,855	128,115	63,260	97.5%	3.9%	7.0%
		2C	5,248	-	-5,248	-100.0%	4.3%	0.0%
		3A	21,127	6,294	-14,833	-70.2%	17.3%	100.0%
		4C	96,089	-	-96,089	-100.0%	78.5%	0.0%
SKIPPERS	Freezer	2C	48,806	37,603	-11,203	-23.0%	5.6%	4.8%
		3A	581,302	554,709	-26,593	-4.6%	67.2%	70.5%
		3B	192,968	68,701	-124,267	-64.4%	22.3%	8.7%
		4A	42,159	107,448	65,289	154.9%	4.9%	13.6%
		4C	-	18,876	18,876	0.0%	0.0%	2.4%
SKIPPERS	GT 60 FT.	2C	282,946	333,531	50,585	17.9%	2.4%	1.7%
		3A	6,029,618	7,969,454	1,939,836	32.2%	52.1%	40.8%
		3B	2,601,168	4,753,380	2,152,212	82.7%	22.5%	24.3%
		4A	808,635	2,829,289	2,020,654	249.9%	7.0%	14.5%
		4B	1,168,716	2,105,259	936,543	80.1%	10.1%	10.8%
SKIPPERS	36-60 FT.	4C	143,641	694,484	550,843	383.5%	1.2%	3.6%
		4D	534,901	836,406	301,505	56.4%	4.6%	4.3%
		2C	2,478,523	2,259,442	-219,081	-8.8%	17.5%	10.1%
		3A	7,966,922	13,837,239	5,870,317	73.7%	56.3%	62.1%
		3B	2,144,537	3,527,959	1,383,422	64.5%	15.2%	15.8%
SKIPPERS	LE 35 FT.	4A	923,991	1,418,810	494,819	53.6%	6.5%	6.4%
		4B	438,196	597,259	159,063	36.3%	3.1%	2.7%
		4C	165,174	370,589	205,415	124.4%	1.2%	1.7%
		4D	32,418	257,107	224,689	693.1%	0.2%	1.2%
		4E	4,184	10,891	6,707	160.3%	0.0%	0.0%
SKIPPERS	LE 35 FT.	2C	33,539	235,945	202,406	603.5%	1.4%	5.6%
		3A	738,812	1,786,863	1,048,051	141.9%	30.2%	42.2%
		3B	105,334	590,524	485,190	460.6%	4.3%	14.0%
		4A	20,960	141,477	120,517	575.0%	0.9%	3.3%
		4B	99,905	65,567	-34,338	-34.4%	4.1%	1.5%
SKIPPERS	LE 35 FT.	4C	1,365,947	1,369,626	3,679	0.3%	55.9%	32.4%
		4E	79,225	41,283	-37,942	-47.9%	3.2%	1.0%
SOLE PROPRIETER	GT 60 FT.	3A	0.00	876,992	876,992	0.0%	0.0%	57.3%
	GT 60 FT.	3B	-	654,277	654,277	0.0%	0.0%	42.7%
TRUST	Freezer	2C		265,721	265,721	0.0%	0.0%	90.1%
	Freezer	3A		29,060	29,060	0.0%	0.0%	9.9%

Table 7-4 provides similar data for QS holders. Data show the numbers of QS holders of each person-type that held QS in 2000, the number of QS holders of each person-type held QS at year-end 2014, and the changes and the percent changes in the numbers of QS holders. The table also

shows the percentages of QS holders that fall into each person-type category for each vessel category and year.

TABLE 7-4. HALIBUT QS HOLDERS BY TYPE OF HOLDER, VESSEL CATEGORY, AND AREA 2000- 2014

PERSON TYPE	VESSEL CATEGORY	AREA	2000 TOTAL QS HOLDERS	2014 YEAR-END TOTAL QS HOLDERS	CHANGE IN TOTAL QS HOLDERS	PCT CHANGE IN TOTAL QS HOLDERS	2000 PCT VESS CAT/ AREA QS	YEAR-END PCT VESS CAT/ AREA QS
CORPORATE	FREEZER	2C	4	4	0	0.0%	12.9%	13.8%
		3A	8	9	1	12.5%	25.8%	31.0%
		3B	6	7	1	16.7%	19.4%	24.1%
		4A	8	5	-3	-37.5%	25.8%	17.2%
		4B	3	2	-1	-33.3%	9.7%	6.9%
		4D	2	2	0	0.0%	6.5%	6.9%
CORPORATE	GT 60 FT.	2C	21	13	-8	-38.1%	8.9%	7.2%
		3A	79	63	-16	-20.3%	33.3%	35.0%
		3B	55	49	-6	-10.9%	23.2%	27.2%
		4A	34	21	-13	-38.2%	14.3%	11.7%
		4B	21	15	-6	-28.6%	8.9%	8.3%
		4C	9	5	-4	-44.4%	3.8%	2.8%
CORPORATE	36-60 FT.	4D	16	12	-4	-25.0%	6.8%	6.7%
		4E	2	2	0	0.0%	0.8%	1.1%
		2C	17	10	-7	-41.2%	17.2%	16.7%
		3A	40	27	-13	-32.5%	40.4%	45.0%
		3B	21	14	-7	-33.3%	21.2%	23.3%
		4A	14	4	-10	-71.4%	14.1%	6.7%
CORPORATE	LE 35 FT.	4B	3	2	-1	-33.3%	3.0%	3.3%
		4C	3	2	-1	-33.3%	3.0%	3.3%
		4D	1	1	0	0.0%	1.0%	1.7%
		2C	1	1	0	0.0%	10.0%	16.7%
		3A	8	4	-4	-50.0%	80.0%	66.7%
		4E	1	1	0	0	10.0%	16.7%
CQE	GT 60 FT.	3A	0	1	1	100.0%	0	16.7%
		3B	0	1	1	0.0%	0.0%	100.0%
		36-60 FT.	3B	0	1	0.0%	0.0%	100.0%
ESTATES	GT 60 FT.	2C	1	-	-1	-100.0%	11.1%	0.0%
		3A	2	-	-2	-100.0%	22.2%	0.0%
		3B	2	-	-2	-100.0%	22.2%	0.0%
		4A	2	-	-2	-100.0%	22.2%	0.0%
		4B	1	-	-1	-100.0%	11.1%	0.0%
		4D	1	-	-1	-100.0%	11.1%	0.0%
ESTATES	36-60 FT.	2C	1	-	-1	-100.0%	25.0%	0.0%
		3A	2	-	-2	-100.0%	50.0%	0.0%
		3B	1	-	-1	-100.0%	25.0%	0.0%
		4B	0	-	0	0.0%	0.0%	0.0%
ESTATES	LE 35 FT.	2C	5	1	-4	-80.0%	38.5%	25.0%
		3A	5	1	-4	-80.0%	38.5%	25.0%
		3B	1	-	0	-100.0%	7.7%	0.0%
		4E	2	2	0	0.0%	15.4%	50.0%
INDIVIDUAL	FREEZER	2C	21	22	1	4.8%	32.3%	39.3%
		3A	25	20	-5	-20.0%	38.5%	35.7%
		3B	9	6	-3	-33.3%	13.8%	10.7%
		4A	6	5	-1	-16.7%	9.2%	8.9%
		4B	3	3	0	0.0%	4.6%	5.4%
		4C	1	-	-1	-100.0%	1.5%	0.0%
INDIVIDUAL	GT 60 FT.	2C	44	48	4	9.1%	10.9%	12.6%

PERSON TYPE	VESSEL CATEGORY	AREA	2000 TOTAL QS HOLDERS	2014 YEAR-END TOTAL QS HOLDERS	CHANGE IN TOTAL QS HOLDERS	PCT CHANGE IN TOTAL QS HOLDERS	2000 PCT VESS CAT/ AREA QS	YEAR-END PCT VESS CAT/ AREA QS
INDIVIDUAL	36-60 FT.	3A	155	163	8	5.2%	38.6%	42.8%
		3B	92	86	-6	-6.5%	22.9%	22.6%
		4A	56	44	-12	-21.4%	13.9%	11.5%
		4B	28	23	-5	-17.9%	7.0%	6.0%
		4C	9	3	-6	-66.7%	2.2%	0.8%
		4D	18	14	-4	-22.2%	4.5%	3.7%
		2C	765	620	-145	-19.0%	36.9%	38.9%
		3A	935	681	-254	-27.2%	45.1%	42.7%
		3B	278	212	-66	-23.7%	13.4%	13.3%
		4A	61	57	-4	-6.6%	2.9%	3.6%
		4B	14	10	-4	-28.6%	0.7%	0.6%
		4C	8	4	-4	-50.0%	0.4%	0.3%
		4D	6	5	-1	-16.7%	0.3%	0.3%
		4E	6	5	-1	-16.7%	0.3%	0.3%
INDIVIDUAL	LE 35 FT.	2C	670	420	-250	-37.3%	39.6%	40.2%
		3A	792	432	-360	-45.5%	46.8%	41.4%
		3B	95	55	-40	-42.1%	5.6%	5.3%
		4A	83	57	-26	-31.3%	4.9%	5.5%
		4B	13	8	-5	-38.5%	0.8%	0.8%
		4C	5	8	3	60.0%	0.3%	0.8%
		4E	35	64	29	82.9%	2.1%	6.1%
NON PROFIT	FREEZER	3A	1	1	0	0.0%	20.0%	12.5%
		3B	1	2	1	100.0%	20.0%	25.0%
		4A	1	1	0	0.0%	20.0%	12.5%
		4B	1	2	1	100.0%	20.0%	25.0%
		4D	1	2	1	100.0%	20.0%	25.0%
PARTNERSHIP	FREEZER	2C	1	-	-1	-100.0%	20.0%	0.0%
		3A	1	-	-1	-100.0%	20.0%	0.0%
		3B	1	-	-1	-100.0%	20.0%	0.0%
		4A	1	-	-1	-100.0%	20.0%	0.0%
		4D	1	-	-1	-100.0%	20.0%	0.0%
PARTNERSHIP	GT 60 FT.	2C	1	1	0	0.0%	5.9%	16.7%
		3A	7	2	-5	-71.4%	41.2%	33.3%
		3B	5	1	-4	-80.0%	29.4%	16.7%
		4A	4	2	-2	-50.0%	23.5%	33.3%
PARTNERSHIP	36-60 FT.	2C	4	2	-2	-50.0%	21.1%	16.7%
		3A	10	5	-5	-50.0%	52.6%	41.7%
		3B	4	3	-1	-25.0%	21.1%	25.0%
		4A	1	2	1	100.0%	5.3%	16.7%
PARTNERSHIP	LE 35 FT.	2C	2	-	-2	-100.0%	22.2%	0.0%
		3A	6	2	-4	-66.7%	66.7%	100.0%
		4C	1	-	-1	-100.0%	11.1%	0.0%
SKIPPER	FREEZER	2C	2	1	-1	-50.0%	25.0%	14.3%
		3A	3	2	-1	-33.3%	37.5%	28.6%
		3B	2	2	0	0.0%	25.0%	28.6%
		4A	1	2	1	100.0%	12.5%	28.6%
		4C	0	1	1	0.0%	0.0%	14.3%
SKIPPER	GT 60 FT.	2C	12	8	-4	-33.3%	10.0%	4.6%
		3A	35	46	11	31.4%	29.2%	26.4%
		3B	22	45	23	104.5%	18.3%	25.9%
		4A	19	32	13	68.4%	15.8%	18.4%
		4B	18	20	2	11.1%	15.0%	11.5%
		4C	6	11	5	83.3%	5.0%	6.3%

PERSON TYPE	VESSEL CATEGORY	AREA	2000 TOTAL QS HOLDERS	2014 YEAR-END TOTAL QS HOLDERS	CHANGE IN TOTAL QS HOLDERS	PCT CHANGE IN TOTAL QS HOLDERS	2000 PCT VESS CAT/ AREA QS	YEAR-END PCT VESS CAT/ AREA QS
		4D	8	12	4	50.0%	6.7%	6.9%
SKIPPER	36-60 FT.	2C	35	36	1	2.9%	20.5%	14.8%
		3A	64	100	36	56.3%	37.4%	41.2%
		3B	33	53	20	60.6%	19.3%	21.8%
		4A	20	24	4	20.0%	11.7%	9.9%
		4B	11	16	5	45.5%	6.4%	6.6%
		4C	5	7	2	40.0%	2.9%	2.9%
		4D	2	5	3	150.0%	1.2%	2.1%
		4E	1	2	1	100.0%	0.6%	0.8%
SKIPPER	LE 35 FT.	2C	18	7	-11	-61.1%	9.5%	6.4%
		3A	32	24	-8	-25.0%	16.9%	21.8%
		3B	20	17	-3	-15.0%	10.6%	15.5%
		4A	29	9	-20	-69.0%	15.3%	8.2%
		4B	6	4	-2	-33.3%	3.2%	3.6%
		4C	27	22	-5	-18.5%	14.3%	20.0%
		4E	57	27	-30	-52.6%	30.2%	24.5%
SOLE PROPRIETER	GT 60 FT.	3A	0.00	2	2	0.0%	0.0%	50.0%
	GT 60 FT.	3B	-	2	2	0.0%	0.0%	50.0%
TRUST	FREEZER	2C	0	1	1	0.0%	0.0%	33.3%
		3A	0	2	2	0.0%	0.0%	66.7%

8 Changes in the Distribution of Halibut QS by State

Tables 8-1 and 8-2 provide data on halibut QS holdings based on the US state of residence for QS holders. The tables show changes in the distribution of halibut QS holdings from initial issuance through year-end 2014. The state of residence for QS holders is based upon NMFS-RAM Division records of current mailing addresses as self-reported by QS Holders.

⁵⁵

At both initial issuance and at year-end 2014, Alaska residents held the highest percentage of QS in Areas 2C, 3A, 3B, 4A, and 4E. Alaska residents showed slight increases in their proportions at all QS holdings in Areas, 4A, 4B and 4D and slight decreases of total QS holdings in Areas 2C, 3A, 3B, 4B, and 4E.

After Alaska, Washington held the highest percentage of QS. The percentage of QS held by Washington residents in each area at the end of 2014 ranged from 15.7% in Area 4E to 52.8 % in Area 4D. Washington State held around half the QS in Areas 4C and 4D.

In all areas, the QS holdings of persons from Oregon and other states were small compared with QS holdings of persons from Washington and Alaska.

In the category, “Other” there is a slight increase in percentage in QS holdings that are residing in other states besides Washington and Oregon.

Table 8-2 shows that in all areas except Area 4D, most QS holders were from Alaska, both at initial issuance and at year-end 2014.

Since initial issuance, the number of QS holders from each state has dropped in Areas 2C through 4C. In most cases, the drop in QS holders in these areas coincides with increases in the average size of QS holdings. In Area 4E, there were only small changes in QS holders or average holdings because all of the TAC in Area 4E is devoted to CDQs.

Average QS holdings vary considerably among persons from different states within a management area. In many areas, Alaska residents held smaller average amounts of QS than did residents of Washington or Oregon. For example, at the end of 2014 in Area 3B, Alaska residents held an average of 82,790 QS units, whereas fewer Oregon residents held an average of 130,002 QS units, and Washington residents held an average of 189,992 QS units.

⁵⁵NMFS-RAM maintains data for year end addresses only.

Note that the total number of initial QS recipients in the tables in this chapter may be greater than the number of unique QS recipients for the area, as shown elsewhere in this report. This is because some persons received separate initial QS allocations over the 1995 to 2014 period, and had different addresses and were classified into different resident categories at different points in time.

Table8-1. Initial Allocation and Year-end 2014 QS Holdings by Area and State

Area	State	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Changes in Total QS	Percent Change in Total QS
2C	Alaska	49,265,458	49,204,600	82.7%	82.7%	-60,858	-0.1%
	Washington	7,945,015	6,946,087	13.3%	11.7%	-998,928	-12.6%
	Oregon	1,043,596	1,091,761	1.8%	1.8%	48,165	4.6%
	Other	1,314,823	2,234,948	2.2%	3.8%	920,125	70.0%
		-----	-----				
		59,568,892	59,477,396				
3A	Alaska	118,598,696	111,185,929	63.9%	60.1%	-7,412,767	-6.3%
	Washington	42,659,377	46,120,528	23.0%	24.9%	3,461,151	8.1%
	Oregon	15,232,359	16,011,109	8.2%	8.7%	778,750	5.1%
	Other	9,002,001	8,683,984	4.9%	4.7%	-318,017	-3.5%
		-----	-----				
		185,492,433	184,911,315				
3B	Alaska	28,061,266	27,977,626	51.5%	52.6%	-83,640	-0.3%
	Washington	19,314,013	17,859,266	35.4%	33.6%	-1,454,747	-7.5%
	Oregon	4,990,415	4,030,075	9.2%	7.6%	-960,340	-19.2%
	Other	2,150,709	3,360,402	3.9%	6.3%	1,209,693	56.2%
		-----	-----				
		54,516,403	53,227,369				
4A	Alaska	7,069,344	7,492,009	48.3%	51.5%	422,665	6.0%
	Washington	5,505,745	4,755,100	37.6%	32.7%	-750,645	-13.6%
	Oregon	1,342,610	1,231,011	9.2%	8.5%	-111,599	-8.3%
	Other	716,740	1,079,472	4.9%	7.4%	362,732	50.6%
		-----	-----				
		14,634,439	14,558,680				
4B	Alaska	3,242,733	4,475,795	34.9%	48.2%	1,233,062	38.0%
	Washington	5,365,129	3,887,222	57.7%	41.9%	-1,477,907	-27.5%
	Oregon	466,964	322,814	5.0%	3.5%	-144,150	-30.9%
	Other	218,565	598,943	2.4%	6.5%	380,378	174.0%
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		9,293,391	9,266,151				
4C	Alaska	2,199,603	1,702,440	55.4%	42.4%	-497,163	-22.6%
	Washington	1,180,825	1,760,943	29.7%	43.8%	580,118	49.1%
	Oregon	498,399	228,617	12.6%	5.7%	-269,782	-54.1%
	Other	90,359	324,352	2.3%	8.1%	233,993	259.0%
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		3,969,186	4,016,352				
4D	Alaska	621,683	1,552,965	13.0%	31.3%	931,282	149.8%
	Washington	3,482,437	2,548,981	72.7%	51.4%	-933,456	-26.8%
	Oregon	612,624	386,170	12.8%	7.8%	-226,454	-37.0%
	Other	73,747	470,134	1.5%	9.5%	396,387	537.5%
		-----	-----				
		4,790,491	4,958,250			167,759	3.5%
4E	Alaska	127,392	117,285	91.0%	84.0%	-10,107	-7.9%

Area	State	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Changes in Total QS	Percent Change in Total QS
	Washington	12,507	22,020	8.9%	15.8%	9,513	76.1%
	Oregon	0	0	0.0%	0.0%	0	0.0%
	Other	100	287	0.1%	0.2%	187	187.0%
		-----	-----				
		139,999	139,592				

Table 8-2. Initial Allocation and Year-end 2014 QS Holders by Area and State

Area	State	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Alaska	1,971	828	82.5%	73.3%	-1,143	-58.0%	24,995	59,426	34,431	137.7%
	Washington	322	129	13.4%	11.4%	-178	-55.3%	24,674	53,846	29,172	118.2%
	Oregon	45	15	1.9%	1.3%	-26	-57.8%	23,191	72,784	49,593	213.8%
	Other	51	42	2.1%	3.7%	-9	-17.6%	25,781	53,175	27,394	106.3%
		-----	-----			-----					
		2,389	1,130			-1,259					
3A	Alaska	2,436	943	79.3	65.9%	-1,493	-55.9%	48,686	117,907	34,431	137.7%
	Washington	391	192	12.7	13.4%	-199	-49.9%	109,103	240,211	29,172	118.2%
	Oregon	121	66	3.9	4.6%	-55	-42.1%	125,887	242,593	49,593	213.8%
	Other	124	82	4	5.7%	-42	-26.6%	72,597	141,164	27,394	106.3%
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		3,072	1,431			-1,641					
3B	Alaska	780	310	73.8	62.8%	-470	-56.8%	35,913	90250.4	54,337	151.3%
	Washington	174	92	16.4	18.6%	-82	-46.0%	109,933	194122	84,189	76.6%
	Oregon	62	32	5.9	6.5%	-30	-50.0%	80,491	125940	45,449	56.5%
	Other	42	32	4	6.5%	-10	-23.8%	51,207	129616	78,409	153.1%
		-----	-----			-----					
		1,058	494			-564					
4A	Alaska	377	124	70.8	56.6%	-253	-60.5%	18,792	52,951	34,159	181.8%
	Washington	109	52	20.3	23.7%	-57	-56.0%	50,241	91,138	40,897	81.4%
	Oregon	31	11	5.8	5.0%	-20	-64.5%	43,310	122,492	79,182	182.8%
	Other	16	14	3	6.4%	-2	-31.3%	44,796	86,082	41,286	92.2%
		-----	-----			-----					
		533	219			-314					
4B	Alaska	80	46	52.3	51.1%	-34	-35.0%	40,534	86,850	46,316	114.3%
	Washington	52	28	34	31.1%	-24	-48.1%	103,176	130,495	27,319	26.5%
	Oregon	14	5	9.2	5.6%	-9	-78.6%	33,355	89,732	56,377	169.0%
	Other	7	8	4.6	8.9%	1	14.3%	31,224	119,674	88,450	283.3%
		-----	-----			-----					
		153	90			-63					
4C	Alaska	48	30	60	56.6%	-18	-37.5%	45,825	55,376	9,551	20.8%
	Washington	24	15	30	28.3%	-9	-29.2%	49,201	108,861	59,660	121.3%
	Oregon	5	3	6.3	5.7%	-2	-40.0%	99,680	86,355	-13,325	-13.4%

Area	State	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
	Other	3	5	3.8	9.4%	2	0.0%	30,120	81,787	51,667	171.5%
		-----	-----			-----					
		80	53			-27					
4D	Alaska	22	15	32.4	31.9%	-7	-36.4%	28,258	105,098	76,840	271.9%
	Washington	38	20	55.9	42.6%	-18	-42.1%	91,643	118,951	27,308	29.8%
	Oregon	6	5	8.8	10.6%	-1	0.0%	102,104	84,827	-17,277	-16.9%
	Other	2	6	2.9	12.8%	4	150.0%	36,874	72,200	35,326	95.8%
		-----	-----			-----					
		68	47			-21					
4E	Alaska	98	91	94.2	88.3%	-7	-7.1%	1,300	1,293	-7	-0.5%
	Washington	5	9	4.8	8.7%	4	80.0%	2,501	2,447	-54	-2.2%
	Other	1	3	1	2.9%	2	200.0%	100	96	-4	-4.3%
		-----	-----			-----					
		104	103			-1					

9 Halibut: Changes by Management Area, Rural-Urban, and Local- Nonlocal

9.1 Initial and Year-end 2014 QS Holdings for Rural-Urban and Local-Nonlocal Residents

The initial distribution of QS and changes in the QS distribution over time are topics of interest for those concerned about the potential consequences of the IFQ program. The previous chapter examined this topic by breaking out QS holders based on state residency. This section examines QS holdings using five resident types that were originally developed by Langdon to study permit holdings under Alaska's limited entry program. These resident types have since been used by the Commercial Fisheries Entry Commission to monitor permit distribution changes under the State's limited entry program.

⁵⁶

The five resident types are defined as below:

AK Rural Local (ARL) A person residing in an *Alaska rural* community that is *local* to the IFQ management area for which the QS applies;

AK Rural Nonlocal (ARN) A person residing in an *Alaska rural* community that is *not local* to the IFQ management area for which the QS applies;

AK Urban Local (AUL) A person residing in an *Alaska urban* community that is *local* to the IFQ management area for which the QS applies.

AK Urban Nonlocal (AUN) A person residing in an *Alaska urban* community that is *not local* to the IFQ management area for which the QS applies.

Nonresident A person residing in a location outside Alaska.

The decision rules for designating rural-urban and local-nonlocal classifications are described in Appendix II. Essentially, the rural-urban distinction is based on a population of 2,500 or more persons as of the 1990 census. Some communities with populations less than 2,500 are classified as urban because they lie on a road system within a certain radius of an urban center. For instance, Auke Bay has a small population but it is designated as urban because it is situated on a road system within 20 miles of Juneau.

In the 2000 census technological advances in the field of geographic information systems (GIS) during the last 10 years allowed the Census Bureau to automate the urban and rural delineation process for the first time in Census Bureau history. The new urban area criteria, based solely on the population density of census Block Groups (BGs) and census blocks, provide a continuum of urban areas for Census 2000. (Appendix 2 for more info)

⁵⁶ Langdon, S., *Transfer Patterns In Alaskan Limited Fisheries*, January 17, 1980; and A. Tingley, K. Iverson, and E. Dinneford, *Changes In The Distribution Of Alaska's Limited Entry Permits 1975–1998*, July 1999.

9.1 Initial and Year-end 2014 Allocation

Table 9-1a provides the initial distribution and the year-end 2014 distribution of halibut QS by management area and resident type. It also shows the initial and year-end percentage of the area's QS held by each resident type and the change in QS held by resident types over the period.

⁵⁷ Nonresidents hold large amounts of halibut QS, especially in Areas 3A, 3B, 4A, 4B, 4C and 4D. Among Alaska resident types, urban residents hold the greatest portion of QS in most areas: Alaska Urban Locals hold the greatest percentage of the QS in Areas 2C and 3A, whereas Alaska Urban Non-locals hold the greatest percentage of Alaska-held QS in Areas 3B, 4A, 4B, and 4D. Rural Alaska residents hold substantial portions of halibut QS in Areas 2C, 3A, and 4E.

Table 9-1 H. Initial Allocation and Year-end 2014 QS Holdings by Area and State

Area	Resident Type	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS	Pct Change QS Holders
2C	AK Rural Local	17,932,755	5,964,101	30.1%	10.0%	-11,968,654	-66.7%	-63.0%
	AK Rural Non-Loc	362,838	6,729,192	0.6%	11.3%	6,366,354	1754.6%	-70.6%
	AK Urban Local	29,974,773	36,291,489	50.3%	61.0%	6,316,716	21.1%	-40.4%
	AK Urban Non-Loc	995,092	219,818	1.7%	0.4%	-775,274	-77.9%	-76.9%
	Nonresident	10,293,932	10,272,796	17.3%	17.3%	-21,136	-0.2%	-51.1%
		-----	-----			-----		
		59,559,390	59,477,396		81,994	-81,994		
3A	AK Rural Local	14,928,786	22,980,586	8.1	12.5%	8,051,800	53.9%	-21.6%
	AK Rural Non-Loc	4,206,395	15,652,871	2.3	8.5%	11,446,476	272.1%	-52.3%
	AK Urban Local	79,834,467	37,748,556	43.1	20.5%	-42,085,911	-52.7%	-80.0%
	AK Urban Non-Loc	19,507,831	32,740,826	10.5	17.8%	13,232,995	67.8%	-9.2%
	Nonresident	66,843,449	74,627,019	36.1	40.6%	7,783,570	11.6%	-44.0%
		-----	-----			-----		
		185,320,928	183,749,858		1,571,070	-1,571,070		
3B	AK Rural Local	5,563,706	1,277,098	10.3	2.4%	-4,286,608	-77.0%	-49.6%
	AK Rural Non-Loc	2,075,980	10,808,403	3.8	19.9%	8,732,423	420.6%	-36.9%
	AK Urban Non-Loc	20,372,737	15,892,125	37.6	29.3%	-4,480,612	-22.0%	-67.2%
	Nonresident	26,159,470	26,223,689	48.3	48.4%	64,219	0.2%	-43.7%
		-----	-----			-----		0.0%
		54,171,893	54,201,315		-29,422	29,422		
4A	AK Rural Local	50,264	360,236	0.3	2.5%	309,972	616.7%	383.3%
	AK Rural Non-Loc	907,184	3,132,753	6.2	21.5%	2,225,569	245.3%	-64.7%
	AK Urban Local	364,612	255,608	2.5	1.8%	-109,004	-29.9%	-73.7%
	AK Urban Non-Loc	5,743,871	3,743,412	39.5	25.7%	-2,000,459	-34.8%	-69.6%
	Nonresident	7,485,405	7,065,583	51.4	48.5%	-419,822	-5.6%	-54.8%
		-----	-----			-----		
		14,551,336	14,557,592		-6,256	6,256		
4B	AK Rural Local	160,045	764,652	1.7	8.2%	604,607	377.8%	-81.8%
	AK Rural Non-Loc	207,969	1,078,075	2.2	11.6%	870,106	418.4%	280.0%
	AK Urban Local	0	-	0	0.0%	0	0.0%	0.0%
	AK Urban Non-Loc	2,874,719	2,633,068	30.9	28.4%	-241,651	-8.4%	-51.6%

⁵⁷ The reader should note that in these tables the total number of initial QS recipients in the tables may be greater than the number of unique QS recipients for the area as shown elsewhere in this report, because some persons received separate initial allocations during the 1995 to 1998 and had different addresses. These persons were classified into different resident categories at each point in time.

Area	Resident Type	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS	Pct Change QS Holders
	Nonresident	6,050,658	4,808,979	65.1	51.8%	-1,241,679	-20.5%	-47.9%
		-----	-----			-----		
		9,293,391	9,284,774		8,617	-8,617		
4C	AK Rural Local	1,350,336	-	34	0.0%	-1,350,336	-100.0%	400.0%
	AK Rural Non-Loc	23,170	1,315,775	0.6	32.8%	1,292,605	5578.8%	-68.8%
	AK Urban Non-Loc	826,097	386,665	20.8	9.6%	-439,432	-53.2%	-28.1%
	Nonresident	1,769,583	2,313,912	44.6	57.6%	544,329	30.8%	0.0%
		-----	-----			-----		
		3,969,186	4,016,352		-47,166	47,166		
4D	AK Rural Non-Loc	29,451	279,536	0.6	5.6%	250,085	849.2%	-50.0%
	AK Urban Non-Loc	592,232	1,273,429	12.4	25.7%	681,197	115.0%	-28.3%
	Nonresident	4,168,808	3,405,285	87	68.7%	-763,523	-18.3%	0.0%
		-----	-----			-----		
		4,790,491	4,958,250		-167,759	167,759		
4E	AK Rural Local	82,993	14,602	59.3%	10.5%	-68,391	-82.4%	100.0%
	AK Rural Non-Loc	4,937	74,892	3.5%	53.7%	69,955	1417.0%	-50.0%
	AK Urban Local	0	5,102	0.00%	3.65%	5,102	0.0%	-28.3%
	AK Urban Non-Loc	39,462	22,689	28.2%	16.3%	-16,773	-42.5%	0.0%
	Nonresident	12,607	22,307	9.0%	16.0%	9,700	76.9%	0.0%
		-----	-----			-----		
		139,999	139,592		407	-407		

Table 9-1b provides similar information as Table 9-1a, except it provides information on QS holders rather than QS amounts. The table shows the initial and year-end 2014 distribution of QS holders by management area and resident type and the change and percentage change in the number of these QS holders. Table 9-1b also provides the average QS holdings for resident types at initial issuance and year-end 2014.

Table 9-1b. Initial Allocation and Year-end 2014 QS Holders by Management Area and Resident Type

Area	Resident Type	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	AK Rural Local	722	136	30.2	13.4%	-586	-81.2%	24,838	43,854	19,016	76.6%
	AK Rural Non-Loc	143	120	6	11.8%	-23	-16.1%	2,537	56,077	53,539	2110.1%
	AK Urban Local	986	559	41.3	55.2%	-427	-43.3%	30,400	64,922	34,522	113.6%
	AK Urban Non-Loc	121	13	5.1	1.3%	-108	-89.3%	8,224	16,909	8,685	105.6%
	Nonresident	417	185	17.5	18.3%	-232	-55.6%	24,686	55,529	30,843	124.9%
		-----	-----			-----					
		2,389	1,013		1,376	-1,376	-57.6%				
3A	AK Rural Local	482	227	15.7	17.8%	-255	-52.9%	30,973	101,236	70,263	226.9%
	AK Rural Non-Loc	239	193	7.8	15.1%	-46	-19.2%	17,600	81,103	63,503	360.8%
	AK Urban Local	1,378	240	44.8	18.8%	-1,138	-82.6%	57,935	157,286	99,351	171.5%
	AK Urban Non-Loc	338	271	11	21.3%	-67	-19.8%	57,715	120,815	63,099	109.3%
	Nonresident	636	343	20.7	26.9%	-293	-46.1%	105,100	217,571	112,472	107.0%
		-----	-----								
		3,073	1,274		1,799	-1,799					

Area	Resident Type	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
3B	AK Rural Local	127	10	12	2.1%	-117	-92.1%	43,809	127,710	83,901	191.5%
	AK Rural Non-Loc	195	156	18.4	33.5%	-39	-20.0%	10,646	69,285	58,639	550.8%
	AK Urban Non-Loc	458	144	43.3	30.9%	-314	-68.6%	44,482	110,362	65,880	148.1%
	Nonresident	277	156	26.2	33.5%	-121	-43.7%	94,439	168,101	73,662	78.0%
		-----	-----								
		1,057	466		591	-591					
4A	AK Rural Local	6	11	1.1	5.5%	5	83.3%	8,377	32,749	24,371	290.9%
	AK Rural Non-Loc	170	60	32	29.9%	-110	-64.7%	5,336	52,213	46,876	878.4%
	AK Urban Local	19	4	3.6	2.0%	-15	-78.9%	19,190	63,902	44,712	233.0%
	AK Urban Non-Loc	181	49	34.1	24.4%	-132	-72.9%	31,734	76,396	44,662	140.7%
	Nonresident	155	77	29.2	38.3%	-78	-50.3%	48,293	91,761	43,468	90.0%
		-----	-----								
		531	201		330	-330					
4B	AK Rural Local	11	3	7.2	3.4%	-8	-72.7%	14,550	254,884	240,334	1651.8%
	AK Rural Non-Loc	5	14	3.3	16.1%	9	180.0%	41,594	77,005	35,412	85.1%
	AK Urban Local	0		0	0.0%	0	na	0	0	na	0.0%
	AK Urban Non-Loc	64	29	41.8	33.3%	-35	-54.7%	44,917	90,795	45,878	102.1%
	Nonresident	73	41	47.7	47.1%	-32	-43.8%	82,886	117,292	34,406	41.5%
		-----	-----								
		153	87		66	-66					
4C	AK Rural Local	31	0	38.8	0.0%	-31	-100.0%	43,559	0	0	0.0%
	AK Rural Non-Loc	1	24	1.3	45.3%	23	2300.0%	23,170	54,824	31,654	136.6%
	AK Urban Non-Loc	16	6	20	11.3%	-10	-62.5%	51,631	64,444	12,813	24.8%
	Nonresident	32	23	40	43.4%	-9	-28.1%	55,299	100,605	45,305	81.9%
		-----	-----								
		80	53		27	-27					
4D	AK Rural Non-Loc	2	24	2.9	39.3%	22	1100.0%	14,726	11,647	-3,078	-20.9%
	AK Urban Non-Loc	20	6	29.4	9.8%	-14	-70.0%	29,612	212,238	182,627	616.7%
	Nonresident	46	31	67.6	50.8%	-15	-32.6%	90,626	109,848	19,222	21.2%
		-----	-----								
		68	61		7	-7					
4E	AK Rural Local	74	7	71.2	7.3%	-67	-90.5%	1,122	2,086	964	86.0%
	AK Rural Non-Loc	5	60	4.8	62.5%	55	1100.0%	987	1,248	261	26.4%
	AK Urban Local	0	6	0	6.3%	6	300.0%	0	850	850	0.0%
	AK Urban Non-Loc	19	11	18.3	11.5%	-8	-42.1%	2,077	2,063	-14	0.0%
	Nonresident	6	12	5.8	12.5%	6	100.0%	2,101	1,859	-242	0.0%
		-----	-----								
		104	96		8	-8					

The number of QS holders declined and the average QS holdings increased in most of the non-CDQ areas and resident types. This again indicates that consolidation of QS holdings has occurred from initial allocation through 2014.

In many areas, rural Alaska QS holders have held smaller average amounts of QS than have urban Alaska QS holders or nonresidents.

10 Changes in the Distribution of Halibut QS by Alaskan Census Area

The tables in this section classify halibut QS holders into Alaska Census areas. Entities that hold QS were assigned to a port area based upon addresses they provided NMFS-RAM. Persons who reside outside Alaska were put in a single nonresident category. The tables provide data on the initial distribution and the year-end 2014 distribution of halibut QS holdings.

Table 10-1a provides a summary of the QS holdings in each port area for the different halibut management areas. The table provides the initial QS holdings, the 2014 year-end QS holdings, the change in QS holdings from initial issuance through 2014, and the percentage change in QS holdings. The table also shows the percentage of the total management area QS that was initially issued to persons in each port area. Similarly, it shows the percentage of the total management area QS that was held at year-end 2014 by persons in each port area.

Port areas where Alaskans hold relatively high percentages of QS (10% or more of the area QS at year-end 2014) are: Juneau, Petersburg, Wrangell, and Sitka (Area 2C); Kodiak (Areas 3A, 3B, 4A, 4B, and 4C), Kenai Peninsula (Areas 3A, 3B, and 4A); Aleutian Islands W (Area 4C); Bethel (Area 4E). As noted earlier, persons who reside outside of Alaska were issued a substantial proportion of the QS in all halibut management areas except 4E. By the end of 2014, the amount of QS held by nonresidents decreased in Areas 3B, 4A, 4B, and 4D, and increased slightly in Areas 2C, 3A 4C and 4E.

Table 10-1a. Initial Allocation and Year-end 2014 QS Holdings by Management Area and Port Area

Area	Port Area	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
2C	Aleutians E	4,175	0	0.0%	0.0%	-4,175	-100.0%
	Aleutians W	171,048	15,895	0.3%	0.0%	-155,153	-90.7%
	Anchorage Borough	380,243	19,057	0.6%	0.0%	-361,186	-95.0%
	Bethel	74,586	0	0.1%	0.0%	-74,586	-100.0%
	Bristol Bay	4,589	642	0.0%	0.0%	-3,947	-86.0%
	Dillingham	5,207	565	0.0%	0.0%	-4,642	-89.1%
	Fairbanks N. Star	135,026	110,116	0.2%	0.2%	-24,910	-18.4%
	Haines	2,224,131	1,845,078	3.7%	3.1%	-379,053	-17.0%
	Hoonah Angoon	4,596,730	2,721,175	7.7%	4.6%	-1,875,555	-40.8%
	Juneau	5,780,573	6,563,854	9.7%	11.0%	783,281	13.6%
	Kenai Pen.	259,338	214,135	0.4%	0.4%	-45,203	-17.4%
	Ketchikan	3,296,194	3,212,097	5.5%	5.4%	-84,097	-2.6%
	Kodiak Borough	146,856	1,969	0.2%	0.0%	-144,887	-98.7%
	Lake and Pen.	970	0	0.0%	0.0%	-970	-100.0%
	MatSu Borough	56,261	30,908	0.1%	0.1%	-25,353	-45.1%
	Nome	57	0	0.0%	0.0%	-57	-100.0%
	North Slope Borough	0	56,858	0.0%	0.1%	56,858	100.0%
	Petersburg	13,261,920	17,189,148	22.3%	28.9%	3,927,228	29.6%
	Prince of Wales	4,551,549	2,393,223	7.6%	4.0%	-2,158,326	-47.4%
	Sitka	9,936,267	10,042,248	16.7%	16.9%	105,981	1.1%
	Skagway	22,839	27,892	0.0%	0.0%	5,053	22.1%
	Valdez/Cordova	19,219	19,284	0.0%	0.0%	65	0.3%
	Kusilvak district	305	305	0.0%	0.0%	0	0.0%
	Wrangell	4,236,776	4,739,065	7.1%	8.0%	502,289	11.9%
	Yakutat	94,911	1,086	0.2%	0.0%	-93,825	0.0%
	Yukon/Koyuk	3,001	0	0.0%	0.0%	-3,001	-100.0%

Area	Port Area	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
	Outside Alaska	10,303,434	10,272,796	17.3%	17.3%	-30,638	-0.3%
		59,566,205	59,477,396				
3A	Aleutians E	248,743	0	0.1%	0.0%	-248,743	-100.0%
	Aleutians W	608,367	50,065	0.3%	0.0%	-558,302	-91.8%
	Anchorage	7,414,783	9,019,574	4.0%	4.9%	1,604,791	21.6%
	Bethel	211,899	361,887	0.1%	0.2%	149,988	70.8%
	Bristol Bay	17,218	1,318	0.0%	0.0%	-15,900	-92.3%
	Denali Borough	1,416	986	0.0%	0.0%	-430	-30.4%
	Dillingham	10,292	710,046	0.0%	0.4%	699,754	n.d.
	Fairbanks N.St	310,882	297,428	0.2%	0.2%	-13,454	-4.3%
	Haines	484,623	631,125	0.3%	0.3%	146,502	30.2%
	Hoonah	2,470,533	1,242,420	1.3%	0.7%	-1,228,113	NA
	Juneau	3,145,527	4,642,078	1.7%	2.5%	1,496,551	47.6%
	Kenai Pen.	35,881,399	29,424,157	19.3%	16.0%	-6,457,242	-18.0%
	Ketchikan	1,201,311	732,865	0.6%	0.4%	-468,446	-39.0%
	Kodiak	43,733,921	30,183,199	23.6%	16.4%	-13,550,722	-31.0%
	Lake and Pen.	54,635	319	0.0%	0.0%	-54,316	-99.4%
	MatSu Borough	1,818,439	2,280,298	1.0%	1.2%	461,859	25.4%
	Nome	0	174,731	0.0%	0.1%	174,731	n.d.
	NW Arctic	149	286,198	0.0%	0.2%	286,049	191979.2%
	Petersburg	9,086,024	12,257,934	4.9%	6.7%	3,171,910	34.9%
	Prince of Wales	462,841	114,830	0.2%	0.1%	-348,011	-75.2%
	Sitka	5,930,471	6,746,926	3.2%	3.7%	816,455	13.8%
	Skagway	5,752	0	0.0%	0.0%	-5,752	-100.0%
	SE Fairbanks	1,987	1,150,993	0.0%	0.6%	1,149,006	n.d.
	Valdez\CDV	3,408,866	7,800,791	1.8%	4.2%	4,391,925	128.8%
	Kusilvak district	942	0	0.0%	0.0%	-942	-100.0%
	Wrangell	587,846	438,261	0.3%	0.2%	-149,585	-25.4%
	Yakutat	1,361,105	2,637,500	0.7%	1.4%	1,276,395	93.8%
	Yukon\Koyuk	643	0	0.0%	0.0%	-643	n.d.
	Outside Alaska	67,114,681	72,932,123	36.2%	39.6%	5,817,442	8.7%
		185,575,295	184,118,052				
3B	Aleutians E	4,474,522	3,830,854	8.2%	7.1%	-643,668	-14.4%
	Aleutians W	251,080	222,398	0.5%	0.4%	-28,682	-11.4%
	Anchorage Borough	2,688,992	2,504,703	4.9%	4.6%	-184,289	-6.9%
	Bethel	61,923	0	0.1%	0.0%	-61,923	-100.0%
	Bristol Bay	7,835	710	0.0%	0.0%	-7,125	-90.9%
	Dillingham	3,007	305,087	0.0%	0.6%	302,080	n.d.
	Fairbanks N. Star	23,646	81,942	0.0%	0.2%	58,296	246.5%
	Hoonah	191,658	88,268	0.4%	0.2%	-103,390	n.d.
	Juneau		510,392	0.0%	0.9%	510,392	0.0%
	Kenai Peninsula	5,299,803	6,434,221	9.7%	11.9%	1,134,418	21.4%
	Ketchikan	170,192	0	0.3%	0.0%	-170,192	-100.0%
	Kodiak	10,368,005	11,169,049	19.0%	20.6%	801,044	7.7%
	Lake and Pen.	1,050,690	713,364	1.9%	1.3%	-337,326	-32.1%
	MatSu Borough	295,998	394,241	0.5%	0.7%	98,243	33.2%
	Nome	0	63,291	0.0%	0.1%	63,291	0.0%
	Petersburg	1,141,286	257,713	2.1%	0.5%	-883,573	0.0%
	Prince of Wales	39,313	0	0.1%	0.0%	-39,313	-100.0%
	Sitka	1,523,669	1,007,282	2.8%	1.9%	-516,387	-33.9%
	SE Fairbanks	0	135,513	0.0%	0.3%	135,513	0.0%
	Valdez\CDV	67,892	258,598	0.1%	0.5%	190,706	280.9%
	Kusilvak district	275	0	0.0%	0.0%	-275	-100.0%
	Wrangell	88,827	0	0.2%	0.0%	-88,827	-100.0%
	Yakutat	40,921	0	0.1%	0.0%	-40,921	-100.0%
	Yukon Koyukuk	0	0	0.0%	0.0%	0	0.0%

Area	Port Area	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
	Outside Alaska	26,493,368	26,223,689	48.6%	48.4%	-269,679	-1.0%
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		54,530,129	54,201,315			-328,814	
4A	Aleutians E	264,962	307,330	1.8%	2.1%	42,368	16.0%
	Aleutians W	450,431	1,654,741	3.1%	11.4%	1,204,310	267.4%
	Anchorage Borough	526,816	346,729	3.6%	2.4%	-180,087	-34.2%
	Bethel	16,439	0	0.1%	0.0%	-16,439	-100.0%
	Bristol Bay	14,794	239	0.1%	0.0%	-14,555	-98.4%
	Dillingham	799	135	0.0%	0.0%	-664	-83.1%
	Fairbanks N. Star	0	120,159	0.0%	0.8%	120,159	n.d.
	Hoonah	123,512	0	0.8%	0.0%	-123,512	-100.0%
	Juneau	98,817	14,450	0.7%	0.1%	-84,367	-85.4%
	Kenai Pen.	1,941,229	1,396,127	13.3%	9.6%	-545,102	-28.1%
	Ketchikan	80,293	0	0.5%	0.0%	-80,293	-100.0%
	Kodiak Borough	2,576,548	2,679,105	17.6%	18.4%	102,557	4.0%
	Lake and Pen.	964	0	0.0%	0.0%	-964	-100.0%
	MatSu Borough	152,125	173,053	1.0%	1.2%	20,928	13.8%
	Petersburg	239,022	152,338	1.6%	1.0%	-86,684	0.0%
	Prince of Wales	10,093	0	0.1%	0.0%	-10,093	-100.0%
	Sitka	509,819	310,484	3.5%	2.1%	-199,335	-39.1%
	Valdez\CDV	6,067	337,046	0.0%	2.3%	330,979	n.d.
	Kusilvak district	73	73	0.0%	0.0%	0	0.0%
	Wrangell	44,437	0	0.3%	0.0%	-44,437	-100.0%
	Yakutat	12,104	0	0.1%	0.0%	-12,104	0.0%
	Yukon Koyukuk	0	0	0.0%	0.0%	0	NA
	Outside Alaska	7,563,893	7,065,583	51.7%	48.5%	-498,310	-6.6%
		-----	-----				
		14,633,237	14,557,592				
4B	Aleutians W	217,591	1,213,144	2.3%	13.1%	995,553	457.5%
	Anchorage Borough	34,129	447,739	0.4%	4.8%	413,610	1211.9%
	Dillingham	0	370,314	0.0%	4.0%	370,314	n.d.
	Fairbanks	0	22,392	0.0%	0.2%	22,392	n.d.
	Haines	0	7,293	0.0%	0.1%	7,293	n.d.
	Hoonah	41,459	0	0.4%	0.0%	-41,459	-100.0%
	Juneau	110,956	2,368	1.2%	0.0%	-108,588	-97.9%
	Kenai Pen.	569,966	174,732	6.1%	1.9%	-395,234	-69.3%
	Ketchikan	1,686	0	0.0%	0.0%	-1,686	-100.0%
	Kodiak Borough	1,538,104	1,667,876	16.6%	18.0%	129,772	8.4%
	MatSu Borough	33,685	123,608	0.4%	1.3%	89,923	267.0%
	Petersburg	255,692	2	2.8%	0.0%	-255,690	0.0%
	Sitka	382,474	272,771	4.1%	2.9%	-109,703	-28.7%
	Valdez\CDV	56,991	173,556	0.6%	1.9%	116,565	204.5%
	Outside Alaska	6,050,658	4,808,979	65.1%	51.8%	-1,241,679	-20.5%
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		9,293,391	9,284,774				
4C	Aleutians W	1,478,344	1,249,177	36.8%	31.1%	-229,167	-15.5%
	Anchorage Borough	119,592	260,404	3.0%	6.5%	140,812	117.7%
	Juneau	8,747	0	0.2%	0.0%	-8,747	-100.0%
	Kenai Pen.	97,629	32,025	2.4%	0.8%	-65,604	-67.2%
	Kodiak Borough	469,828	0	11.7%	0.0%	-469,828	-100.0%
	Matsu	0	29,267	0.0%	0.0%	29,267	n.d.
	Sitka	25,463	0	0.6%	0.0%	-25,463	-100.0%
	SE Fairbanks	0	131,567	0.0%	3.3%	131,567	n.d.
	Outside Alaska	1,816,749	2,313,912	45.2%	57.6%	497,163	27.4%

Area	Port Area	Initial Amount of QS	2014 Amount of QS	Initial Pct. of Area QS	2014 Pct. of Area QS	Change in Total QS	Percent Change in Total QS
		----- 4,016,352	----- 4,016,352				
4D	Aleutians W	67,584	259,188	1.4%	5.2%	191,604	283.5%
	Anchorage	84,640	273,443	1.7%	5.5%	188,803	223.1%
	Dillingham	14,118	122,473	0.3%	2.5%	108,355	767.5%
	Juneau	24,235	213,044	0.5%	4.3%	188,809	779.1%
	Kenai Pen.	76,708	49,523	1.6%	1.0%	-27,185	-35.4%
	Kodiak	207,837	537,060	4.3%	10.8%	329,223	158.4%
	Matsu		29,678	0.0%	0.6%	29,678	n.d
	Petersburg	90,749	0	1.9%	0.0%	-90,749	-100.0%
	Sitka	40,479	0	0.8%	0.0%	-40,479	-100.0%
	SE Fairbanks		68,556				
	Wrangell	15,333	0	0.3%	0.0%	-15,333	-100.0%
	Outside Alaska	4,257,782	3,405,285	87.3%	68.7%	-852,497	-20.0%
		----- 4,879,465	----- 4,958,250				
4E	Aleutians E	3,878	3,878	2.8%	2.8%	0	0.0%
	Aleutians W	4,184	4,184	3.0%	3.0%	0	0.0%
	Anchorage Borough	5,090	5,818	3.6%	4.2%	728	14.3%
	Bethel	73,808	72,790	52.7%	52.1%	-1,018	-1.4%
	Bristol Bay	4,934	6,226	3.5%	4.5%	1,292	26.2%
	Dillingham	3,585	1,245	2.6%	0.9%	-2,340	-65.3%
	Kenai Pen.	638	853	0.5%	0.6%	215	33.7%
	Ketchikan	0	83	0.0%	0.1%	83	n.d
	Kodiak Borough	6,791	6,791	4.9%	4.9%	0	0.0%
	Lake and Pen.	1,372	0	1.0%	0.0%	-1,372	-100.0%
	MatSu Borough	20,324	12,156	14.5%	8.7%	-8,168	-40.2%
	Nome	0	228	0.0%	0.0%	228	n.d
	Petersberg	0	2,216	0.0%	0.0%	2,216	n.d
	Prince of Wales	83	0	0.1%	0.0%	-83	-100.0%
	Valdez\CDV	489	489	0.3%	0.4%	0	0.0%
	Wrangell	2,216	0	1.6%	0.0%	-2,216	-100.0%
	Kusilvak district	0	328	0.0%	0.2%	328	n.d
	Outside Alaska	12,607	22,307	9.0%	16.0%	9,700	76.9%
		----- 139,999	----- 139,592				

Table 10-1b presents somewhat similar information on QS holders from each Port area. The table shows, for each port area, the initial number of QS holders, the 2014 year-end number of QS holders, the change in the number of QS holders through 2014, and the percentage change in the number of QS holders, for each halibut management area and port area.

Table 10-1b. Initial Allocation and Year-end 2014 QS Holders Management Area and Port Area

Area	Port Area	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
2C	Aleutians E	2	0	0.1%	0.0%	-2	-100%	0	0	NA	0
	Aleutians W	48	2	2.0%	0.2%	-46	-96%	331	7,948	7,616	n.d.
	Anchorage Borough	32	2	1.3%	0.2%	-30	-94%	596	84,448	83,852	n.d.
	Bethel	43	0	1.8%	0.0%	-43	-100%	0	0	n.d.	n.d.!
	Bristol Bay	10	2	0.4%	0.2%	-8	-80%	64	334	269	419.5%
	Dillingham	22	6	0.9%	0.6%	-16	-73%	26	458	432	1682.7%
	Fairbanks N. Star	10	6	0.4%	0.6%	-4	-40%	11,012	27,296	16,284	147.9%
	Haines	84	37	3.5%	3.4%	-47	-56%	21,965	49,050	27,085	123.3%
	Hoonah	211	57	8.8%	5.3%	-154	-73%	12,897	46,143	33,247	257.8%
	Juneau	256	123	10.7%	11.4%	-133	-52%	25,640	53,033	27,393	106.8%
	Kenai Pen.	34	9	1.4%	0.8%	-25	-74%	6,298	4,740	-1,558	-24.7%
	Ketchikan	147	75	6.2%	6.9%	-72	-49%	21,851	40,721	18,870	86.4%
	Kodiak	32	2	1.3%	0.2%	-30	-94%	62	1,112	1,050	1707.2%
	Lake & Pen.	4	0	0.2%	0.0%	-4	-100%	0	0	n.d.	n.d.
	MatSu Bor.	8	2	0.3%	0.2%	-6	-75%	3,864	48,980	45,116	1167.7%
	Nome	1	0	0.0%	0.0%	-1	-100%	0	0	0	0.0%
	North Slope Borough		1	0.0%	0.1%						
	Petersburg	326	213	13.6%	19.7%	-113	-35%	52,727	78,699	25,971	49.3%
	Prince of Wales	221	67	9.2%	6.2%	-154	-70%	10,829	39,654	28,825	266.2%
	Sitka	328	208	13.7%	19.3%	-120	-37%	30,617	50,250	19,634	64.1%
	Skagway	1	1	0.0%	0.1%	0	0%	27,892	27,892	0	0.0%
	Valdez\CDV	7	3	0.3%	0.3%	-4	-57%	2,755	6,428	3,673	133.3%
	Kusilvak	1	1	0.0%	0.1%	0	0%	305	305	0	0.0%
	Wrangell	133	63	5.6%	5.8%	-70	-53%	35,632	72,224	36,592	102.7%
	Yakutat	10	1	0.4%	0.1%	-9	-90%	109	1,086	977	900.0%
	Yukon\Koyuk	1	0	0.0%	0.0%	-1	-100%	0	0	NA	n.d.
	Outside Alaska	418	199	17.5%	18.4%	-219	-52%	24,576	53,074	28,497	116.0%
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		2,390	1,080								
3A	Aleutians E	7	1	0.2%	0.1%	-6	-86%	35,535	0	-35,535	-100.0%
	Aleutians W	54	4	1.7%	0.3%	-50	-93%	11,266	12,516	1,250	11.1%
	Anchorage Borough	270	111	8.7%	7.0%	-159	-59%	27,462	81,257	53,795	195.9%
	Bethel	42	2	1.4%	0.1%	-40	-95%	5,045	180,944	175,898	n.d.
	Bristol Bay	11	2	0.4%	0.1%	-9	-82%	1,565	659	-906	-57.9%
	Denali	3	2	0.1%	0.1%	-1	-33%	472	493	21	4.4%
	Dillingham	21	7	0.7%	0.4%	-14	-67%	490	101,435	100,945	n.d.
	Fairbanks N. Star	29	11	0.9%	0.7%	-18	-62%	10,720	27,039	16,319	152.2%
	Haines	18	10	0.6%	0.6%	-8	-44%	26,924	63,113	36,189	134.4%
	Hoonah	59	19	1.9%	1.2%	-40	-68%	41,873	65,391	23,517	56.2%
	Juneau	82	49	2.7%	3.1%	-33	-40%	38,360	94,736	56,376	147.0%
	Kenai Pen.	842	406	27.2%	25.6%	-436	-52%	42,614	72,473	29,859	70.1%
	Ketchikan	20	4	0.6%	0.3%	-16	-80%	60,066	183,216	123,151	205.0%
	Kodiak Borough	457	229	14.8%	14.4%	-228	-50%	95,698	131,804	36,107	37.7%
	Lake and Pen.	9	1	0.3%	0.1%	-8	-89%	6,071	319	-5,752	-94.7%
	MatSu Borough	65	37	2.1%	2.3%	-28	-43%	27,976	61,630	33,654	120.3%
	Nome	0	1	0.0%	0.1%	1	0%	0	174,731	NA	0.0%

Area	Port Area	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
	NW Arctic	1	0	0.0%	0.0%	-1	-100%	149	0	-149	-100.0%
	Petersburg	75	65	2.4%	4.1%	-10	-13%	121,147	188,584	67,437	55.7%
	Prince of Wales	24	3	0.8%	0.2%	-21	-88%	19,285	38,277	18,992	98.5%
	Sitka	130	81	4.2%	5.1%	-49	-38%	45,619	83,295	37,676	82.6%
	Skagway	1	0	0.0%	0.0%	-1	-100%	5,752	0	-5,752	-100.0%
	SE Fairbanks	2	8	0.1%	0.5%	6	300%	994	143,874	142,881	n.d.
	Valdez\CDV	156	87	5.0%	5.5%	-69	-44%	21,852	89,664	67,813	310.3%
	Kusilvak district	1	0	0.0%	0.0%	-1	-100%	942	0	-942	-100.0%
	Wrangell	11	7	0.4%	0.4%	-4	-36%	53,441	62,609	9,168	17.2%
	Yakutat	48	31	1.6%	2.0%	-17	-35%	28,356	85,081	56,724	200.0%
	Yukon\Koyuk	2	2	0.1%	0.1%	0	0%	322	0	-322	-100.0%
	Outside Alaska	654	407	21.1%	25.6%	-247	-38%	102,622	179,194	76,573	74.6%
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		3,094	1,587								
3B	Aleutians E	104	50	9.8%	9.4%	-54	-52%	43,024	76,617	33,593	78.1%
	Aleutians W	50	5	4.7%	0.9%	-45	-90%	5,022	44,480	39,458	n.d.
	Anchorage Borough	65	30	6.1%	5.6%	-35	-54%	41,369	83,490	42,121	101.8%
	Bethel	42	2	4.0%	0.4%	-40	-95%	1,474	0	NA	-100.0%
	Bristol Bay	11	5	1.0%	0.9%	-6	-55%	712	142	-570	-80.1%
	Dillingham	21	1	2.0%	0.2%	-20	-95%	143	305,087	304,944	n.d.
	Fairbanks	2	1	0.2%	0.2%	-1	-50%	11,823	81,942	70,119	n.d.
	Hoonah	6	2	0.6%	0.4%	-4	-67%	31,943	44,134	12,191	38.2%
	Juneau	11	5	1.0%	0.9%	-6	-55%	0	102,078	NA	n.d.
	Kenai Peninsula	182	101	17.2%	18.9%	-81	-45%	29,120	63,705	34,585	118.8%
	Ketchikan	5	0	0.5%	0.0%	-5	-100%	34,038	0	NA	-100.0%
	Kodiak	201	120	18.9%	22.5%	-81	-40%	51,582	93,075	41,493	80.4%
	Lake and Pen.	25	10	2.4%	1.9%	-15	-60%	42,028	71,336	29,309	69.7%
	MatSu Borough	14	7	1.3%	1.3%	-7	-50%	21,143	56,320	35,177	166.4%
	Nome	0	1	0.0%	0.2%	1	0%	0	63,291	NA	0.0%
	Petersburg	9	2	0.8%	0.4%	-7	-78%	126,810	128,857	2,047	1.6%
	Prince of Wales	3	0	0.3%	0.0%	-3	-100%	13,104	0	-13,104	-100.0%
	Sitka	21	8	2.0%	1.5%	-13	-62%	72,556	125,910	53,355	73.5%
	SE Fairbanks	0	5	0.0%	0.9%	5	0%	0	27,103	NA	NA
	Valdez\CDV	5	2	0.5%	0.4%	-3	-60%	13,578	129,299	115,721	n.d.
	Kusilvak district	1	0	0.1%	0.0%	-1	-100%	275	0	NA	-100.0%
	Wrangell	2	0	0.2%	0.0%	-2	-100%	44,414	0	-44,414	-100.0%
	Yakutat	2	0	0.2%	0.0%	-2	-100%	20,461	0	-20,461	-100.0%
	Yukon	0	0	0.0%	0.0%	0	0%	0	0	0	n.d.
	Koyukuk	0	0	0.0%	0.0%	0	0%	0	0	0	n.d.
	Outside Alaska	279	177	26.3%	33.1%	-102	-37%	94,958	148,156	53,198	56.0%
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		1,061	534								
4A	Aleutians E	23	15	4.3%	6.0%	-8	-35%	11,520	20,489	8,969	77.9%
	Aleutians W	67	33	418.8%	183.3%	-34	-51%	6,723	50,144	43,421	n.d.
	Anchorage	21	7	131.3%	38.9%	-14	-67%	25,086	49,533	24,446	97.4%
	Bethel	42	0	262.5%	0.0%	-42	-100%	391	0	NA	-100.0%
	Bristol Bay	11	3	68.8%	16.7%	-8	-73%	1,345	80	-1,265	-94.1%
	Dillingham	21	6	131.3%	33.3%	-15	-71%	38	23	-16	-40.9%
	Fairbanks	0	2	0.0%	11.1%	2	0%	0	60,080	NA	0.0%
	Hoonah	3	0	18.8%	0.0%	-3	-100%	41,171	0	-41,171	-100.0%
	Juneau	3	3	18.8%	16.7%	0	0%	32,939	4,817	-28,122	-85.4%
	Kenai Pen.	76	34	475.0%	188.9%	-42	-55%	25,542	41,063	15,520	60.8%

Area	Port Area	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
	Ketchikan	4	0	25.0%	0.0%	-4	-100%	20,073	0	NA	-100.0%
	Kodiak	64	35	400.0%	194.4%	-29	-45%	40,259	76,546	36,287	90.1%
	Lake and Pen.	4	0	25.0%	0.0%	-4	-100%	241	0	NA	-100.0%
	MatSu Borough	9	5	56.3%	27.8%	-4	-44%	16,903	34,611	17,708	104.8%
	Petersburg	6	3	37.5%	16.7%	-3	-50%	39,837	50,779	10,942	27.5%
	Prince of Wales	2	0	12.5%	0.0%	-2	-100%	5,047	0	NA	-100.0%
	Sitka	16	5	100.0%	27.8%	-11	-69%	31,864	62,097	30,233	94.9%
	Skagway	3	0	18.8%	0.0%	-3	-100%	2,022	0	NA	-100.0%
	Valdez\CDV	1	4	6.3%	22.2%	3	100%	6,067	84,262	78,195	n.d.
	Kusilvak district	0	1	0.0%	5.6%	1	0%	0	73	73	n.d.
	Wrangell	2	0	12.5%	0.0%	-2	-100%	22,219	0	-22,219	-100.0%
	Yakutat	1	0	6.3%	0.0%	-1	-100%	12,104	0	NA	-100.0%
	Yukon	0	0	0.0%	0.0%	0	0%	0	0	0	0.0%
	Koyukuk	0	0	0.0%	0.0%	0	0%	0	0	0	0.0%
	Outside Alaska	156	94	975.0%	522.2%	-62	-40%	48,486	75,166	26,679	55.0%
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		535	250								
4B	Aleutians W	16	18	10.5%	17.8%	2	13%	13,599	67,397	53,797	395.6%
	Anchorage Borough	2	4	1.3%	4.0%	2	100%	17,065	111,935	94,870	556.0%
	Dillingham	0	1	0.0%	1.0%	1	100%	0	370,314	370,314	0.0%
	Fairbanks	0	1	0.0%	1.0%	1	100%	0	22,392	22,392	0.0%
	Haines	0	1	0.0%	1.0%	1	100%	0	7,293	7,293	0.0%
	Hoonah	0	0	0.0%	0.0%	0	100%	0	0	0	0.0%
	Juneau	3	1	2.0%	1.0%	-2	-67%	36,985	2,368	-34,617	-93.6%
	Kenai Pen.	16	2	10.5%	2.0%	-14	-88%	35,623	87,366	51,743	145.3%
	Ketchikan	1	0	0.7%	0.0%	-1	-100%	1,686	0	NA	-100.0%
	Kodiak Borough	27	20	17.6%	19.8%	-7	-26%	56,967	83,394	26,427	46.4%
	MatSu Borough	2	2	1.3%	2.0%	0	0%	16,843	61,804	44,962	267.0%
	Petersburg	0	1	0.0%	1.0%	1	NA	0	2	2	0.0%
	Sitka	8	3	5.2%	3.0%	-5	-63%	47,809	90,924	43,114	90.2%
	Valdez\CDV	1	1	0.7%	1.0%	0	0%	56,991	173,556	116,565	204.5%
	Outside Alaska	73	46	47.7%	45.5%	-27	-37%	82,886	104,543	21,657	26.1%
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		153	101								
4C	Aleutians W	32	24	40.0%	43.6%	-8	-25%	46,198	52,049	5,851	12.7%
	Anchorage Borough	2	3	2.5%	5.5%	1	50%	59,796	86,801	27,005	45.2%
	Juneau	1	0	1.3%	0.0%	-1	-100%	8,747	0	NA	-100.0%
	Kenai Pen.	3	4	3.8%	7.3%	1	33%	32,543	8,006	-24,537	-75.4%
	Kodiak Borough	8	1	10.0%	1.8%	-7	-88%	58,729	0	-58,729	-100.0%
	Matsu Borough	0	1	0.0%	1.8%	1	100%	0	29,267	29,267	100.0%
	Sitka	2	0	2.5%	0.0%	-2	-100%	12,732	0	NA	-100.0%
	SE Fairbanks	0	1	0.0%	1.8%	1	100%	0	131,567	131,567	n.d.
	Outside Alaska	32	21	40.0%	38.2%	-11	-34%	56,773	110,186	53,413	94.1%
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		80	55								
4D	Aleutians W	1	3	1.5%	5.9%	2	200%	259,188	86,396	NA	-66.7%
	Anchorage Borough	1	4	1.5%	7.8%	3	300%	273,443	68,361	-205,082	-75.0%
	Dillingham	0	1	0.0%	2.0%	1	100%	0	122,473	n.d.	n.d.

Area	Port Area	Initial Number of QS Holders	2014 Number of QS Holders	Initial Pct. of Area QS Holders	2014 Pct. of Area QS Holders	Change in QS Holders	Percent Change in QS Holders	Initial Avg. QS Holdings	2014 Avg. QS Holdings	Change in Avg. QS Holdings	Percent Change Avg. QS Holdings
	Juneau	1	1	1.5%	2.0%	0	0%	213,044	213,044	0	0.0%
	Kenai Pen.	2	2	2.9%	3.9%	0	0%	24,762	24,762	0	0.0%
	Kodiak Borough	10	3	14.7%	5.9%	-7	-70%	53,706	179,020	125,314	233.3%
	Matsu		1	0.0%	2.0%		0%	0	29,678	0	n.d
	Petersburg	0	0	0.0%	0.0%	0		0	0	0	n.d
	Sitka	2	0	2.9%	0.0%	-2	-100%	0	0	0	n.d
	SE Fairbanks		1					0	68,556	0	n.d
	Kusilvak district	1	0	1.5%	0.0%	-1	-100%	0	0	0	n.d
	Wangell	4	0	5.9%	0.0%	-4	-100%	0	0	0	n.d
	Outside Alaska	46	35	67.6%	68.6%	-11	-24%	74,028	97,294	23,266	31.4%
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		68	51								
4E	Aleutians E	1	1	1.0%	1.0%	0	0%	3,878	3,878	0	0.0%
	Aleutians W	1	1	1.0%	1.0%	0	0%	4,184	4,184	0	0.0%
	Anchorage Borough	9	10	8.7%	9.7%	1	11%	566	582	16	2.9%
	Bethel	42	44	40.4%	42.7%	2	5%	1,757	1,654	-103	-5.9%
	Bristol Bay	10	9	9.6%	8.7%	-1	-10%	493	692	198	40.2%
	Dillingham	21	16	20.2%	15.5%	-5	-24%	171	78	-93	-54.4%
	Kenai Pen.	2	2	1.9%	1.9%	0	0%	319	427	108	33.7%
	Ketchikan	0	1	0.0%	1.0%	1	0%	0	83	83	0.0%
	Kodiak Borough	2	2	1.9%	1.9%	0	0%	3,396	3,396	0	0.0%
	Lake and Pen.	3	0	2.9%	0.0%	-3	-100%	457	0	-457	-100.0%
	MatSu Borough	2	0	1.9%	0.0%	-2	-100%	10,162	0	-10,162	-100.0%
	Nome	0	1	0.0%	1.0%	1	100%	0	228		0.0%
	Petersburg	2	2	1.9%	1.9%	0	0%	0	1,108		0.0%
	Prince of Wales	1	0	1.0%	0.0%	-1	-100%	83	0	-83	-100.0%
	Valdez\CDV	1	1	1.0%	1.0%	0	0%	489	489	0	0.0%
	Kusilvak district	1	1	1.0%	1.0%	0	0%	0	328	328	n.d
	Outside Alaska	6	12	5.8%	11.7%	6	100%	2,101	1,859	-242	-11.5%
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		104	103								

For each halibut management area and port area, Table 10-1b also shows the initial average QS holdings, the 2014 year-end average QS holdings, the change in average QS holdings through 2014, and the percentage change in average QS holdings through 2014. The table includes the initial and year-end percentages of total initial QS recipients for the management area for each port area.

Table 10-1b demonstrates that there was some consolidation of QS holdings and a reduction in the number of QS holders since initial issuance for most port areas and management areas. In the few cases where the number of QS holders increased through 2014, the increases were very small. The percent decline of QS holders from some port areas is particularly high in the non-CDQ Areas 2C through 4A. This could be related to QS holders from CDQ areas transferring their CDQ compensation QS.

11 New Entrants in the Halibut Fishery

Other sections of this report provide the net result of QS consolidations and transfer activities that have occurred since the initial QS allocation. Some of the transferred QS went to initial issuees and some went to persons who were new to the fishery or the management area. The tables in this section present data that show the extent to which new entrants received QS and entered the halibut fishery. The data indicates that significant numbers of persons who were not initial issuees for an area were able to acquire halibut QS.

The IFQ program provides free transferability of QS, subject to several constraints designed to temper consolidation and preserve opportunities for the smaller boat and part-time portion of the fleet that existed under open access. These constraints are discussed in Chapter 1 and in other sections of this report.

Any United States citizen or entity may receive freezer vessel QS through transfer. Persons who receive catcher vessel QS through transfer must be initial QS recipients or IFQ crewmembers. Under the IFQ program, an IFQ crewmember is defined as any individual who has at least 150 days experience working as part of a harvesting crew in any United States commercial fishery or as any individual who receives an initial allocation of QS.

New entrants may also participate in the fishery through regulations which allow an individual to transfer QS to the individual's solely owned corporation (a new entity). In addition, new entrants can also occur because of transfers due to court order, operation of law, or as part of a security agreement. However, in these latter cases IFQ is not assigned unless the person receiving the QS transfer meets all eligibility requirements.

Table 11-1a shows, by area, the amount and percentage of QS still held annually by initial QS recipients at year end of each year from 1995 through 2014. The table also indicates average the QS holdings and percentage these initial holders represent of all QS holders.

Table 11-1a shows, by area, percentage of QS still held annually by initial QS recipients at year end from 1995 through 2014

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
2C	1995	55,150,457	93.5	27,603	1,998	93.6	3,814,780	6.5	28,050	136	6.4
	1996	51,911,593	87.9	31,122	1,668	86.9	7,113,974	12.1	28,230	252	13.1
	1997	50,809,049	85.3	34,848	1,458	83.7	8,740,811	14.7	30,778	284	16.3
	1998	49,500,477	83.1	36,291	1,364	80.9	10,050,780	16.9	31,311	321	19.1
	1999	47,956,925	80.5	37,702	1,272	78.2	11,598,454	19.5	32,764	354	21.8
	2000	47,154,326	79.5	38,619	1,221	77.6	12,143,612	20.5	34,499	352	20.5
	2001	45,438,183	76.6	39,477	1,151	75.4	13,895,522	23.4	36,956	376	23.4
	2002	44,545,667	75.0	40,167	1,109	73.8	14,812,636	25.0	37,691	393	25.0
	2003	43,308,087	73.1	41,523	1,043	71.6	15,968,498	26.9	38,571	414	26.9
	2004	42,152,749	71.3	43,278	974	69.4	16,953,239	28.7	39,426	430	28.7
	2005	40,583,156	68.7	43,921	924	67.3	18,495,954	31.3	41,286	448	31.3
	2006	39,389,398	66.8	44,308	889	65.8	19,555,262	33.2	42,327	462	33.2
	2007	38,951,394	66.1	46,704	834	64.1	19,989,302	33.9	43,740	457	35.1
	2008	38,270,636	64.7	49,638	771	62.9	20,892,545	35.3	47,055	444	36.2

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
	2009	37,647,335	63.8	49,864	755	62.7	21,375,865	36.2	48,692	439	36.5
	2010	37,072,802	62.9	52,437	707	61.6	21,889,471	37.1	49,749	440	38.4
	2011	36,526,600	61.9	53,637	681	61.0	22,453,008	38.1	51,498	436	39.0
	2012	35,801,325	60.7	58,884	608	57.8	23,207,458	39.3	52,387	443	42.2
	2013	34,517,528	58.5	60,135	574	56.3	24,519,371	41.5	54,976	446	43.7
	2014	33,574,989	56.9	60,605	554	55.2	25,410,550	43.1	56,468	450	44.8
3A	1995	172,324,360	94.3	66,381	2,596	93.9	10,359,550	5.7	61,664	168	6.1
	1996	164,736,451	89.4	75,119	2,193	86.3	19,574,594	10.6	56,249	348	13.7
	1997	161,434,392	87.4	83,386	1,936	82.6	23,306,263	12.6	57,264	407	17.4
	1998	158,786,733	86.0	87,102	1,823	81.1	25,936,743	14.0	61,172	424	18.9
	1999	155,096,176	83.9	90,488	1,714	79.4	29,710,652	16.1	66,766	445	20.6
	2000	154,494,893	84.1	92,512	1,670	80.1	29,161,231	15.9	70,438	414	15.9
	2001	149,405,368	82.1	94,143	1,587	78.0	32,537,343	17.9	72,628	448	17.9
	2002	146,949,750	80.8	95,795	1,534	76.6	34,866,320	19.2	74,501	468	19.2
	2003	143,174,626	78.4	98,267	1,457	74.7	39,497,741	21.6	80,117	493	21.6
	2004	142,370,469	78.0	104,301	1,365	72.5	40,068,010	22.0	77,202	519	22.0
	2005	141,584,213	77.6	108,245	1,308	71.5	40,854,407	22.4	78,415	521	22.4
	2006	139,074,424	76.0	111,617	1,246	70.0	44,003,904	24.0	82,250	535	24.0
	2007	138,482,131	75.7	123,424	1,122	67.3	44,568,233	24.3	84,091	530	31.8
	2008	137,064,672	75.1	134,641	1,018	65.8	45,442,191	24.9	89,102	510	33.0
	2009	136,272,396	74.7	140,054	973	79.4	46,269,762	25.3	90,903	509	33.9
	2010	134,886,918	73.9	143,192	942	65.3	47,650,172	26.1	95,110	501	34.7
	2011	132,295,638	72.6	147,159	899	63.7	49,819,738	27.4	97,114	513	36.3
	2012	132,242,028	72.6	163,262	810	61.2	49,979,997	27.4	97,237	514	38.8
	2013	130,658,298	71.7	165,810	788	60.5	51,468,524	28.3	100,133	514	39.5
	2014	126,081,895	69.2	169,465	744	58.7	56,095,571	30.8	107,463	522	41.2
3B	1995	50,341,765	94.3	55,381	909	95.0	3,052,648	5.7	63,597	48	5.0
	1996	46,719,660	86.8	65,895	709	84.6	7,105,067	13.2	55,078	129	15.4
	1997	44,638,098	82.8	78,588	568	79.4	9,274,451	17.2	63,092	147	20.6
	1998	43,842,676	81.4	84,638	518	77.4	9,997,912	18.6	66,211	151	22.6
	1999	41,847,770	77.7	90,384	463	73.1	12,010,896	22.3	70,652	170	26.9
	2000	44,770,762	84.0	95,257	470	78.2	8,506,033	16.0	64,932	131	16.0
	2001	43,503,763	82.8	99,097	439	76.1	9,015,434	17.2	65,329	138	17.2
	2002	42,653,668	81.4	101,315	421	74.3	9,717,313	18.6	66,557	146	18.6
	2003	41,312,920	78.4	100,763	410	72.2	11,413,947	21.6	72,240	158	21.6
	2004	40,446,584	76.8	104,784	386	70.6	12,245,565	23.2	76,059	161	23.2
	2005	39,837,696	75.5	105,391	378	70.5	12,909,668	24.5	81,707	158	24.5
	2006	38,949,783	74.2	109,718	355	69.2	13,526,459	25.8	85,611	158	25.8
	2007	38,612,468	73.3	113,233	341	65.7	14,039,968	26.7	84,072	167	32.2
	2008	38,039,822	72.2	118,504	321	64.8	14,654,097	27.8	89,902	163	32.9
	2009	38,049,208	72.1	120,409	316	64.1	14,754,159	27.9	88,348	167	33.9
	2010	38,171,379	72.2	122,738	311	64.7	14,672,047	27.8	86,817	169	35.2
	2011	36,691,753	72.2	121,095	303	62.6	15,982,789	30.3	88,303	181	37.4
	2012	36,661,519	69.6	127,740	287	61.6	15,996,524	30.4	89,366	179	38.4
	2013	35,002,056	66.5	126,361	277	59.7	17,600,668	33.5	94,121	187	40.3
	2014	34,181,224	64.7	128,986	265	58.2	18,636,745	35.3	98,088	190	41.7
4A	1995	13,040,372	91.3	29,043	449	93.9	1,236,540	8.7	42,639	29	6.1
	1996	11,815,427	81.9	31,848	371	85.7	2,606,473	18.1	42,040	62	14.3
	1997	10,892,274	75.1	37,175	293	76.7	3,610,691	24.9	40,570	89	23.3

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
	1998	10,877,763	75.0	40,288	270	75.2	3,625,246	25.0	40,733	89	24.8
	1999	10,462,594	72.1	42,359	247	73.1	4,041,402	27.9	44,411	91	26.9
	2000	11,455,197	80.2	46,948	244	79.0	2,824,711	19.8	43,457	65	19.8
	2001	11,009,332	77.5	49,369	223	77.2	3,194,080	22.5	48,395	66	22.5
	2002	10,510,619	74.5	50,051	210	74.2	3,591,152	25.5	49,194	73	25.5
	2003	10,646,012	74.9	51,932	205	74.3	3,571,486	25.1	50,303	71	25.1
	2004	10,228,970	72.0	51,924	197	72.2	3,969,124	28.0	52,225	76	28.0
	2005	9,400,351	66.1	51,936	181	68.3	4,830,395	33.9	57,505	84	33.9
	2006	9,357,437	65.6	54,089	173	66.8	4,900,139	34.4	56,978	86	34.4
	2007	8,662,535	60.4	56,618	153	61.7	5,667,633	39.6	62,282	91	36.7
	2008	9,027,928	63.2	61,835	146	61.1	5,267,447	36.8	60,545	87	36.4
	2009	8,865,485	62.0	61,141	145	61.7	5,429,890	38.0	64,642	84	35.7
	2010	8,869,874	61.9	62,907	141	62.6	5,453,655	38.0	64,924	84	37.3
	2011	8,213,215	57.6	64,166	128	59.8	6,049,162	42.4	66,460	86	37.3
	2012	7,940,726	56.1	70,272	113	56.2	6,205,283	43.9	70,515	88	43.8
4B	2013	7,797,199	55.2	71,534	109	55.9	6,334,372	44.8	73,655	86	44.1
	2014	7,743,569	55.3	72,370	107	55.2	6,256,855	44.7	71,918	87	44.8
	1995	8,792,299	97.5	63,712	138	95.2	229,965	2.5	32,852	7	4.8
	1996	8,850,686	95.4	69,690	127	90.1	430,691	4.6	30,764	14	9.9
	1997	7,811,522	84.1	75,111	104	78.8	1,473,252	15.9	52,616	28	21.2
	1998	7,551,262	81.3	78,659	96	77.4	1,733,512	18.7	61,911	28	22.6
	1999	7,086,755	76.3	84,366	84	71.8	2,198,019	23.7	66,607	33	28.2
	2000	6,733,282	77.8	87,445	77	70.0	1,916,658	22.2	58,081	33	22.2
	2001	6,468,628	74.8	92,409	70	64.8	2,178,944	25.2	57,341	38	25.2
	2002	6,400,813	74.2	100,013	64	62.1	2,231,050	25.8	57,206	39	25.8
	2003	6,351,862	73.9	102,449	62	60.2	2,239,783	26.1	54,629	41	26.1
	2004	6,424,830	74.8	105,325	61	59.8	2,162,237	25.2	52,737	41	25.2
	2005	6,131,329	71.4	100,514	61	60.4	2,455,738	28.6	61,393	40	28.6
	2006	5,862,550	68.3	96,107	61	59.8	2,724,517	31.7	66,452	41	31.7
	2007	5,852,033	66.6	104,501	56	54.4	2,937,477	33.4	68,313	43	41.7
4C	2008	5,545,180	63.1	113,167	49	49.5	3,244,330	36.9	70,529	46	46.5
	2009	5,783,930	65.8	118,039	49	51.0	3,005,580	34.2	69,897	43	44.8
	2010	6,125,089	69.7	120,100	51	55.4	2,664,421	30.3	64,986	41	44.6
	2011	6,134,401	69.3	122,688	50	57.4	2,721,764	30.7	73,561	37	42.3
	2012	5,644,540	64.6	120,097	47	54.0	3,088,017	35.4	77,200	40	45.9
	2013	5,467,401	62.6	118,857	46	52.9	3,265,156	37.4	79,638	41	47.1
	2014	5,058,342	62.3	117,636	43	52.4	3,058,259	37.7	78,417	39	47.6
	1995	3,882,732	97.8	49,779	78	97.5	86,454	2.2	43,227	2	2.5
	1996	3,494,154	88.0	46,589	75	93.8	475,032	12.0	95,006	5	6.3
	1997	3,344,897	84.3	49,190	68	88.3	624,289	15.7	69,365	9	11.7
	1998	3,313,935	83.5	52,602	63	87.5	655,251	16.5	72,806	9	12.5
	1999	3,125,975	78.8	52,100	60	84.5	642,056	16.2	53,505	12	17.6
	2000	3,043,339	82.6	56,358	54	81.8	642,056	17.4	53,505	12	17.4
	2001	3,140,673	81.4	65,431	48	80.0	719,554	18.6	59,963	12	18.6
	2002	3,049,444	79.0	66,292	46	78.0	810,783	21.0	62,368	13	21.0
	2003	2,830,107	72.4	61,524	46	75.4	1,077,286	27.6	71,819	15	27.6
	2004	2,834,989	72.6	63,000	45	73.8	1,072,404	27.4	67,025	16	27.4
	2005	2,906,174	74.1	64,582	45	72.6	1,013,296	25.9	59,606	17	25.9
	2006	2,906,174	74.1	64,582	45	73.8	1,013,296	25.9	63,331	16	25.9

Area	Year	Total QS Held By Initial Issuees	% of QS Held By Initial Issuees	Avg. QS Held By Initial Issuees	Initial Issuees For Area	Percent Who Are Initial Issuees	Total QS Held By New Entrants	% of QS Held By New Entrants	Avg. QS Held By New Entrants	New Entrants For Area	Percent Who Are New Entrants
	2007	2,657,705	67.8	68,146	39	70.9	1,261,765	32.2	84,118	15	27.3
	2008	2,288,027	57.0	63,556	36	64.3	1,728,325	43.0	86,416	20	35.7
	2009	2,324,550	57.9	64,571	36	67.9	1,691,802	42.1	99,518	17	32.1
	2010	2,178,779	54.2	60,522	36	67.9	1,837,573	45.8	108,093	17	32.1
	2011	2,068,667	51.5	62,687	33	62.3	1,947,685	48.5	97,384	20	37.7
	2012	2,039,400	51.1	63,731	32	61.5	1,947,685	48.8	97,384	20	38.4
	2013	2,023,304	53.7	63,228	32	62.7	1,743,304	46.3	91,753	19	37.3
	2014	1,993,989	52.9	64,322	31	60.8	1,772,619	47.1	88,631	20	39.2
4D	1995	4,576,433	97.7	70,407	65	97.0	109,563	2.3	54,782	2	3.0
	1996	4,313,438	90.0	69,572	62	91.2	477,053	10.0	79,509	6	8.8
	1997	3,826,338	79.9	83,181	46	75.4	964,153	20.1	64,277	15	24.6
	1998	3,580,412	75.4	94,221	38	67.9	1,165,906	24.6	64,773	18	32.1
	1999	3,757,766	77.9	104,382	36	67.9	1,067,337	22.1	62,785	17	32.1
	2000	3,776,508	84.4	99,382	38	77.6	700,303	15.6	63,664	11	15.6
	2001	3,517,111	78.6	97,698	36	76.6	959,700	21.4	87,245	11	21.4
	2002	3,503,215	78.3	109,475	32	71.1	973,596	21.7	74,892	13	21.7
	2003	3,401,209	74.5	109,716	31	67.4	1,164,576	25.5	77,638	15	25.5
	2004	3,540,455	78.5	114,208	31	68.9	969,802	21.5	69,272	14	21.5
	2005	3,540,455	78.5	118,015	30	69.8	969,802	21.5	74,600	13	21.5
	2006	3,540,455	78.5	118,015	30	69.8	969,802	21.5	74,600	13	21.5
	2007	3,488,383	76.4	124,585	28	58.3	1,078,822	23.6	63,460	17	35.4
	2008	3,490,198	76.4	129,267	27	57.4	1,077,007	23.6	63,353	17	36.2
	2009	3,513,120	76.9	130,116	27	58.7	1,054,085	23.1	65,880	16	34.8
	2010	3,452,735	75.6	132,798	26	60.5	1,114,470	24.4	65,557	17	39.5
	2011	3,010,487	65.9	111,500	27	61.4	1,556,718	34.8	91,572	17	38.6
	2012	3,010,487	65.9	111,500	27	61.4	1,556,718	34.1	91,572	17	38.6
	2013	2,730,312	59.8	105,012	26	59.1	1,836,893	40.2	102,050	18	40.9
	2014	2,701,471	59.1	108,059	25	58.1	1,865,734	40.9	103,652	18	41.9
4E	1995	139,999	100.0	1,346	104	100.0	0	0.0	0	0	0.0
	1996	139,999	100.0	1,346	104	100.0	0	0.0	0	0	0.0
	1997	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	1998	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	1999	138,143	98.7	1,341	103	99.0	1,856	1.3	1,856	1	1.0
	2000	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2001	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2002	138,143	100.0	1,341	103	100.0	0	0.0	0	0	0.0
	2003	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2004	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2005	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2006	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2007	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2008	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2009	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2010	137,445	99.5	1,361	101	99.0	698	0.5	698	1	0.5
	2011	137,361	99.4	1,374	100	99.0	782	0.0	782	2	0.2
	2012	136,954	99.4	1,473	93	97.9	782	0.4	391	2	0.2
	2013	136,954	99.4	1,473	93	97.9	782	0.4	391	2	0.2
	2014	136,954	99.4	1,473	93	97.8	782	0.4	391	2	0.2

The table also shows the amount and percentage of halibut QS held year end by new entrants to the area. Note that a new entrant in one area may have been an initial QS recipient in some other area(s). The table provides the number of new entrants to each area their average QS holdings and the percentage these new entrants represent of all QS holders.

By the end of 2014, significant numbers of new persons had received halibut QS and entered the halibut IFQ fishery, except in Area 4E, where all the TAC is allocated to CDQs. Outside of Area 4E, the percentage of QS holders that were new entrants to the area varied from 2.2% in Area 4C in 1995 to 47.1 % in Area 4C in 2014. Similarly, the percentage of total QS that was held by new entrants to the area ranged from 4.8 % in Area 4B in 1995 to 47.6% in Area 4B in 2014.

12 Halibut: Changes in Landings and Delivery Patterns

This chapter provides data on Landing and delivery patterns in the halibut fishery. Tables in this chapter show time-series data of halibut deliveries from 1990 through 2014. Tables also show the number of persons who recorded landings, including the seasons before and after implementation of the IFQ program. Other tables show quarterly Landing data, the Landing by QS holder, residence, and finally, a comparison of Landings by QS owners with Landings by hired skippers. Information in this chapter may be compared with ex-vessel price data found in chapter 15 to desire ex-vessel value of the fisheries.

Landing data from 1990 through 1994 are based on ADF&G halibut fish tickets that are processed by the International Pacific Halibut Commission (IPHC). ADF&G data (from 1995 on) are derived from the NMFS-RAM Landing database.

12.1 Deliveries by State, Census Area, Annual Quarter, and Residency

Table 12-1 provides time-series data on the commercial landing of halibut in Alaska from 1990 through 2014. The data from 1995 to 2014 include only the commercial halibut catch in the IFQ fisheries. Halibut caught in the CDQ fisheries are excluded as well as discarded fish.

Landing data are broken out by place of delivery: Alaska, Washington, or other states. Total annual Landings in the halibut fishery depend primarily upon the IFQ “total allowable catch (TAC)” set annually by the IPHC. Total landings decreased substantially from 1990 to 1995, then rose sharply in 1997 and remained high thru 2006 to be followed by a steady decline to 2014.

Table 12-1. Alaska Halibut Landing (Pounds) by State of Delivery, 1990–2014

Year	Total Landing (pounds)	Deliveries in Alaska	Percent of Total	Deliveries in Washington	Percent of Total	Deliveries in Other States	Percent of Total
1990	52,675,501	47,765,659	90.7	3,447,559	6.5	1,462,283	2.8
1991	49,535,011	45,371,157	91.6	2,435,690	4.9	1,728,164	3.5
1992	51,829,522	48,004,844	92.6	2,664,275	5.1	1,160,403	2.2
1993	48,136,903	42,337,477	88.0	4,272,358	8.9	1,527,068	3.2
1994	44,449,185	38,743,518	87.2	4,044,663	9.1	1,661,004	3.7
1995	32,151,518	28,928,791	90.0	2,449,319	7.6	773,408	2.4
1996	35,386,715	31,550,982	89.2	2,919,948	8.3	915,785	2.6
1997	49,095,785	45,088,878	91.8	3,638,411	7.4	368,496	0.8
1998	51,204,432	46,555,094	90.9	4,020,612	7.9	628,726	1.2
1999	56,210,210	53,240,344	94.6	2,662,648	4.9	307,218	0.6
2000	51,796,153	49,619,382	95.8	1,990,693	3.8	186,078	0.4
2001	55,758,769	53,685,087	96.3	2,022,076	3.6	51,606	0.1
2002	58,122,339	55,975,405	96.3	2,002,812	3.4	144,122	0.2
2003	57,412,044	55,739,420	97.1	1,516,144	2.6	43,271	0.3
2004	55,758,773	49,619,382	89.0	1,990,693	3.6	47,186	0.3
2005	55,192,929	53,795,628	97.5	1,396,841	2.5	0	0.1
2006	52,226,380	50,832,298	97.3	1,393,241	2.7	0	0.0
2007	49,328,713	47,959,516	97.2	1,369,197	2.8	0	0.0
2008	47,321,739	46,195,918	97.6	1,125,821	2.4	0	0.0
2009	42,274,397	41,245,052	97.6	991,362	2.3	37,983	0.1
2010	39,125,607	39,095,421	99.9	0	0.0	30,186	0.1
2011	29,634,253	29,014,161	97.9	620,092	2.1	0	0.0
2012	23,327,349	22,769,246	97.6	558,103	2.4	0	0
2013	20,833,321	20,396,831	97.9	434,477	2.1	0	0
2014	15,774,524	15,281,966	96.8	490,544	3.1	0	0

Note: 1995 through 2014 data are for commercial landings in the IFQ fishery. Landings in the CDQ fisheries are excluded. Halibut is reported in net weight (headed, gutted) pounds.

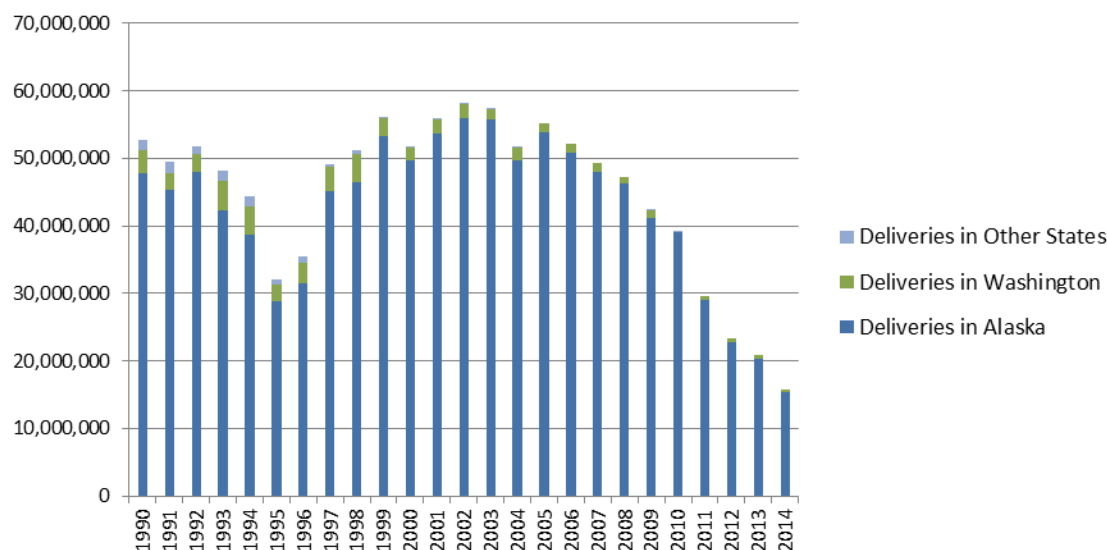


Figure 3. Halibut Deliveries (pounds), by State of Delivery, 1995-2014

Delivery patterns, as expressed as a percentage of total landings, have shown only small variations during the 1990 to 2014 time period. The percentage of total landing that was delivered in Alaska was lowest in 1994 when 87.2% of the catch was brought to Alaska ports. The highest percentage of landings delivered in Alaska was in 2010 at 99.9%. Washington State has received the highest percent of deliveries in 1994 at 9.1% and the lowest percent of landings at 2.3% in 2005. Other states had deliveries from 3.7% in 1994 to no deliveries in 2014, with the highest percentages before 1997.

Table 12-2 Provides delivery patterns for halibut delivered to Alaska ports during the 1990-2014 period. Alaska deliveries are broken out by census areas, showing the total pounds delivered to ports in each census area and the percent of the total annual landings that these deliveries represent. Note that some census areas have been aggregated to protect confidential data.

Table 12-2. Halibut Deliveries by Alaska Census Area, 1990–2014

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Ketchikan / Prince of Wales Hyder census area	1990	1,942,000	4.1%
	1991	1,911,697	4.2%
	1992	1,703,872	3.5%
	1993	2,321,464	5.5%
	1994	1,460,823	3.8%
	1995	847,948	2.9%
	1996	953,121	3.0%
	1997	1,173,801	2.6%
	1998	1,071,830	2.3%
	1999	986,393	1.9%
	2000	920,702	1.9%
	2001	1,050,881	2.0%

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Ketchikan / Prince of Wales Hyder census area Cont.	2002	986,848	1.8%
	2003	927,476	1.7%
	2004	961,778	1.7%
	2005	764,717	1.4%
	2006	825,477	1.6%
	2007	634,362	1.4%
	2008	489,491	1.1%
	2009	424,948	1.0%
	2010	335,458	0.9%
	2011	234,961	0.8%
	2012	192,396	0.8%
	2013	188,795	0.9%
	2014	187,515	1.3%
Wrangell- Petersburg	1990	2,840,482	5.9%
	1991	3,020,475	6.7%
	1992	4,001,618	8.3%
	1993	4,080,373	9.6%
	1994	3,127,081	8.1%
	1995	3,246,480	11.2%
	1996	3,910,093	12.4%
	1997	4,079,426	9.0%
	1998	3,708,180	8.0%
	1999	3,562,686	6.7%
	2000	2,887,435	5.8%
	2001	3,209,353	6.0%
	2002	3,485,724	6.2%
	2003	3,026,610	5.4%
	2004	4,253,945	7.7%
	2005	4,570,438	8.5%
	2006	4,424,769	8.7%
	2007	3,587,882	7.7%
	2008	2,940,579	6.5%
	2009	2,224,413	5.5%
	2010	2,151,139	5.6%
	2011	1,221,303	4.3%
	2012	1,462,375	6.4%
	2013	1,612,408	8.1%
	2014	1,800,189	12.4%
Sitka Borough	1990	3,641,814	7.6%
	1991	2,958,129	6.5%
	1992	3,175,217	6.6%
	1993	2,992,668	7.1%
	1994	2,803,115	7.2%
	1995	2,820,092	9.7%
	1996	2,820,113	8.9%
	1997	3,516,651	7.8%
	1998	3,486,480	7.5%
	1999	2,777,769	5.2%
	2000	2,331,546	4.7%
	2001	2,547,093	4.7%
	2002	2,252,114	4.0%
	2003	2,840,864	5.1%
	2004	3,660,390	6.6%
	2005	3,710,605	6.9%

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Sitka Borough Cont.	2006	3,857,215	7.6%
	2007	3,484,274	7.5%
	2008	2,829,465	6.2%
	2009	2,184,089	5.4%
	2010	1,986,021	5.2%
	2011	1,301,520	4.5%
	2012	1,208,476	5.3%
	2013	1,146,080	5.8%
	2014	1,186,264	8.2%
Juneau Borough	1990	408,214	0.9%
	1991	535,065	1.2%
	1992	529,830	1.1%
	1993	557,836	1.3%
	1994	280,865	0.7%
	1995	433,345	1.5%
	1996	902,835	2.9%
	1997	1,570,949	3.5%
	1998	1,833,971	3.9%
	1999	2,962,357	5.6%
	2000	2,646,156	5.3%
	2001	2,345,232	4.4%
	2002	2,786,812	5.0%
	2003	2,611,751	4.7%
	2004	3,270,697	5.9%
	2005	3,701,678	6.9%
	2006	3,062,161	6.0%
	2007	2,197,704	4.7%
	2008	1,945,415	4.3%
	2009	2,173,256	5.3%
	2010	1,752,249	4.6%
	2011	1,069,186	3.7%
	2012	937,615	4.1%
	2013	1,146,080	5.8%
	2014	856,779	5.9%
Haines Borough	1990	44,198	0.1%
	1991	56,887	0.1%
	1992	78,842	0.2%
	1993	83,548	0.2%
	1994	45,613	0.1%
	1995	24,541	0.1%
	1996	31,881	0.1%
	1997	81,574	0.2%
	1998	826,951	1.8%
	1999	587,140	1.1%
	2000	374,422	0.8%
	2001	178,325	0.3%
	2002	166,728	0.3%
	2003	152,038	0.3%
	2004	134,165	0.2%
	2005	152,475	0.3%
	2006	35,908	0.1%
	2007	98,955	0.2%
	2008	129,174	0.3%
	2009	19,632	0.0%

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Haines Borough Cont.	2010	15,802	0.0%
	2011	8,070	0.0%
	2012	6,002	0.0%
	2013	6,577	0.0%
	2014	4,670	0.0%
Skagway- Yakutat- Angoon	1990	3,845,839	8.1%
	1991	3,937,826	8.7%
	1992	3,323,678	6.9%
	1993	3,187,587	7.5%
	1994	3,314,498	8.6%
	1995	2,724,128	9.4%
	1996	2,668,009	8.5%
	1997	3,683,774	8.2%
	1998	2,578,823	5.5%
	1999	2,864,296	5.4%
	2000	2,169,258	4.4%
	2001	2,756,107	5.1%
	2002	2,472,238	4.4%
	2003	2,531,207	4.5%
	2004	2,357,645	4.2%
	2005	2,612,123	4.9%
	2006	2,823,848	5.6%
	2007	1,690,367	3.6%
	2008	1,310,348	2.9%
	2009	1,302,827	3.2%
	2010	1,276,340	3.3%
	2011	829,973	2.9%
	2012	939,882	4.1%
	2013	1,043,511	5.2%
	2014	232,958	1.6%
Valdez- Cordova census area area	1990	2,696,106	5.6%
	1991	2,215,080	4.9%
	1992	2,531,212	5.3%
	1993	2,169,612	5.1%
	1994	2,054,731	5.3%
	1995	1,120,292	3.9%
	1996	1,201,136	3.8%
	1997	1,770,250	3.9%
	1998	1,630,121	3.5%
	1999	1,961,125	3.7%
	2000	1,464,141	3.0%
	2001	1,764,658	3.3%
	2002	1,862,913	3.3%
	2003	1,945,760	3.5%
	2004	2,030,989	3.7%
	2005	2,437,906	4.5%
	2006	2,209,835	4.4%
	2007	2,428,974	5.2%
	2008	2,100,172	4.6%
	2009	1,702,175	4.2%
	2010	1,454,403	3.8%
	2011	1,079,821	3.8%
	2012	743,814	3.3%
	2013	738,675	3.7%

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
	2014	508,044	3.5%
Kenai Peninsula / Anchorage	1990	13,023,317	27.3%
	1991	9,983,561	22.0%
	1992	11,341,357	23.6%
	1993	9,798,350	23.1%
	1994	10,189,738	26.3%
	1995	6,275,966	21.7%
	1996	7,573,031	24.0%
	1997	10,317,629	22.9%
	1998	16,437,570	35.3%
	1999	18,628,330	35.0%
	2000	15,735,452	31.7%
	2001	20,266,168	37.8%
	2002	21,729,911	38.8%
	2003	20,203,127	36.3%
	2004	18,392,951	33.1%
	2005	16,912,355	31.4%
	2006	15,772,183	31.1%
	2007	15,613,981	33.5%
	2008	14,618,286	32.2%
	2009	16,608,009	40.8%
	2010	15,477,159	40.2%
	2011	9,208,294	32.1%
	2012	7,098,410	31.2%
	2013	7,300,522	36.7%
	2014	4,597,466	31.8%
Kodiak Island Borough	1990	12,994,537	27%
	1991	12,444,552	27%
	1992	13,468,618	28%
	1993	10,206,830	24%
	1994	9,437,156	24%
	1995	7,391,397	26%
	1996	7,169,024	23%
	1997	11,012,851	24%
	1998	8,941,033	19%
	1999	10,056,808	19%
	2000	9,258,799	19%
	2001	8,515,583	16%
	2002	7,891,904	14%
	2003	7,820,880	14%
	2004	8,509,514	15%
	2005	8,339,017	16%
	2006	8,502,370	17%
	2007	8,566,482	18%
	2008	8,739,531	19%
	2009	7,623,603	19%
	2010	6,677,147	17%
	2011	5,841,101	20%
	2012	5,036,425	22%
	2013	3,487,975	18%
	2014	2,614,268	18%
Aleutians Islands	1990	6,329,152	13%
	1991	8,307,885	18%

Alaska Census Area	Year	Pounds Delivered	Percent of Total Landing
Aleutians Islands Cont.	1992	7,850,600	16%
	1993	6,939,209	16%
	1994	6,029,898	16%
	1995	4,044,602	14%
	1996	4,321,739	14%
	1997	7,881,973	17%
	1998	6,040,135	13%
	1999	8,823,053	17%
	2000	11,831,471	24%
	2001	11,051,687	21%
	2002	12,338,105	22%
	2003	13,669,665	25%
	2004	12,021,561	22%
	2005	10,594,314	20%
	2006	9,278,937	18%
	2007	8,317,127	18%
	2008	10,238,831	23%
	2009	6,474,263	16%
	2010	7,370,507	19%
	2011	7,866,197	27%
	2012	5,131,328	23%
	2013	3,248,769	16%
	2014	2,477,068	17%

Table 12-2 indicates that delivery patterns varied slightly from year to year in each census area since 1990. The Kenai Peninsula / Anchorage aggregated area and the Kodiak census area consistently received the largest number of pounds delivered. There was a large increase in deliveries to the Kenai / Anchorage aggregated area in 2002, deliveries to Kodiak dropped in that year.

Some areas have shown changes after 1994, and these changes may or may not have been a result of the IFQ program. For example, the percent of total landing delivered to ports in the Wrangell/Petersburg, Sitka, and Juneau census areas rose slightly after 1994, whereas deliveries to the Valdez-Cordova census area and the Ketchikan/Prince of Wales aggregated area decreased slightly after 1994.

Table 12-3 presents data on the number of persons with landings and the average pounds landed for each IFQ management area. This table shows the comparison of the 1990 to 1994 average number of persons with landings and average pounds landed with those data for each of the IFQ fishing seasons from 1995 to 2014. It also shows the number of persons who received initial QS allocations in each area.

⁵⁸

Table 12-3. Halibut landings, by Area, Year, and Quarter: 1995 to 2014

AREA	1990-94 AVG.	INITIAL	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
2C	1,635	2,388	1,319	1,321	1,275	1,116	1,149	1,159	1,092	1,131	1,124	1,116	1,079	1,084	1,063	996	937	944	911	888	880	856
3A	2,007	3,071	1,537	1,553	1,501	1,314	1,298	1,448	1,404	1,431	1,439	1,407	1,399	1,402	1,392	1,363	1,329	1,326	1,303	1266	1197	1,182
3B	450	1,056	436	467	479	438	546	518	498	504	514	489	490	487	499	501	491	487	493	477	455	451
4A	187	530	180	192	185	166	215	230	216	223	218	215	213	210	203	198	187	194	201	199	176	185
4B	75	152	60	73	82	61	82	87	94	97	96	95	89	83	94	86	73	80	82	83	82	80
4C	61	80	37	43	48	33	54	45	44	34	33	36	12	11	7	11	8	9	15	16	23	21
4D	31	70	30	38	38	24	37	46	43	45	46	49	62	65	69	80	79	76	79	72	54	59
4E	72	104	0	0	0	0																

Table 12-4 Average Landings in the Halibut Fishery from 1995 to 2014

CATCH	1990-94	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
2C	6,103	5,844	6,377	7,496	8,538	8,859	7,068	7,482	7,456	7,333	9,040	9,694	9,539	7,812	6,131	5,157	4,608	2,517	2,846	3,252	3,756
3A	12,567	11,547	12,431	16,113	18,660	18,506	12,477	15,008	15,765	15,484	17,484	17,942	17,798	18,648	17,623	16,068	15,153	10,950	9,232	9,043	6,222
3B	18,215	7,219	7,480	18,276	24,128	28,783	28,843	32,293	33,968	33,347	31,358	26,539	22,170	18,470	21,480	21,717	20,462	14,896	10,463	8,867	6,261
4A	12,670	8,727	9,032	14,934	19,281	24,133	21,137	22,332	22,205	22,456	15,777	15,606	15,526	13,672	14,961	13,125	11,686	11,373	7,759	6,857	4,471
4B	24,317	20,789	22,547	31,402	33,965	41,400	41,687	37,422	33,126	31,308	22,837	17,929	14,709	11,579	15,781	16,880	17,434	19,458	16,511	12,036	10,803
4C	11,666	8,098	6,894	10,512	14,337	18,719	16,252	16,473	14,259	12,877	13,285	6,530	11,318	15,276	4,766	6,670	11,815	6,987	5,128	4,495	5,179
4D	30,040	14,361	12,819	19,921	35,117	36,242	29,957	31,834	30,228	30,892	24,534	27,072	23,552	27,243	25,763	21,320	22,412	22,063	15,625	15,070	9,821
4E	1,155	0	0	0	0	0															

⁵⁸1990-1994 data were summarized from ADF&G halibut fish tickets. Persons with landings during this period represent CFEC permit holders. 1995-1998 data were summarized from NMFS-RAM landing data. Persons with landings during this period represent IFQ permit holders.

The number of persons who received initial allocations is higher than the 1990-1994 average annual number of persons with landings because persons were eligible to apply for QS if they owned or leased a vessel that made landings in the halibut fishery in any of the 1988, 1989, or 1990 fishing seasons. Therefore, the sum of the initial QS recipients is considerably more than the 1990-1994 average annual number of persons with landings. Also, persons who received CDQ compensation QS in Areas 2C, 3A, 3B, and 4A increased the number of persons who received initial allocations. Many CDQ compensation QS recipients did not make landings in Areas 2C, 3A, 3B, or 4A over the 1990-1994 period.

Table 12-4 Average catches in the 1995 and 1996 seasons declined in most areas from the 1990-1994 average, then rose in 1997 to 2000. This likely reflects the low TACs for the IFQ fishery in 1995 and 1996, followed by a substantial increase in area TACs in 1997. There has also been a consolidation of QS holdings through QS transfer since 1995, which also contributes to a rise in average catches.

Table 12-5 classifies data on 1995–2014 halibut IFQ landings by area, year, and QS owner state of residence. No landing data are given for Area 4E because the entire TAC in this area was used as CDQ. Note the count of persons with landings in this table represents the number of unique IFQ permitholders with landings. However, an IFQ permitholder may or may not own the QS they are fishing. For example, QS owners can hire a skipper to fish their IFQ for them, or they may lease their QS to another person.

TABLE 12-5. HALIBUT HARVEST (POUNDS) BY AREA, YEAR, AND STATE OF QS OWNER: 1995-2014

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
2C	1995	ALASKA	6,396,384	83.0%	1,111	84	5,757
		WASHINGTON	1,057,612	13.7%	180	13.6	5,876
		OTHER	254,418	3.3%	31	2.3	8,207
			7,708,414		1,322		
	1996	ALASKA	7,206,211	85.5%	1,133	85.6	6,360
		WASHINGTON	983,093	11.7%	159	12	6,183
		OTHER	235,114	2.8%	32	2.4	7,347
			8,424,418		1,324		
	1997	ALASKA	8,071,508	84.5%	1,085	85	7,439
		WASHINGTON	1,152,870	12.1%	158	12.4	7,297
		OTHER	332,887	3.5%	34	2.7	9,791
			9,557,265		1,277		
	1998	ALASKA	8,096,531	85.0%	932	83.4	8,687
		WASHINGTON	1,107,517	11.6%	151	13.5	7,335
		OTHER	324,830	3.4%	34	3	9,554
			9,528,878		1,117		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	1999	ALASKA	8,225,261	83.9%	935	84.3	8,797
		WASHINGTON	1,264,738	12.9%	140	12.6	9,034
		OTHER	316,518	3.2%	34	3.1	9,309
			-----		-----		
			9,806,517		1,109		
	2000	ALASKA	7,965,110	97.2%	1,142	97.9%	6,975
		WASHINGTON	160,731	2.0%	21	1.8%	7,654
		OTHER	65,928	0.8%	4	0.3%	16,482
			-----		-----		
			8,191,769		1,167		
	2001	ALASKA	8,004,300	98.0%	1,081	98.1%	7,405
		WASHINGTON	114,266	1.4%	16	1.5%	7,142
		OTHER	51,606	0.6%	5	0.5%	10,321
			-----		-----		
			8,170,172		1,102		
	2002	ALASKA	8,268,533	98.1%	1,119	98.4%	7,389
		WASHINGTON	110,862	1.3%	14	1.2%	7,919
		OTHER	53,018	0.6%	4	0.4%	13,255
			-----		-----		
			8,432,413		1,137		
	2003	ALASKA	8,130,489	98.6%	1,114	98.8%	7,298
		WASHINGTON	111,778	1.4%	14	1.2%	7,984
		OTHER	0	0.0%		0.0%	0
			-----		-----		
			8,242,267		1,128		
	2004	ALASKA	7,965,110	97.2%	1,142	97.9%	6,975
		WASHINGTON	160,731	2.0%	21	1.8%	7,654
		OTHER	65,928	0.8%	4	0.3%	0
			-----		-----		
			8,191,769		1,167		
	2005	ALASKA	10,414,037	99.6%	1,077	99.4%	9,669
		WASHINGTON	45,409	0.4%	7	0.6%	6,487
		OTHER		0.0%		0.0%	0
			-----		-----		
			10,459,446		1,084		
	2006	ALASKA	10,273,994	99.4%	1,078	98.9%	9,531
		WASHINGTON	65,805	0.6%	12	1.1%	5,484
		OTHER		0.0%		0.0%	0
			-----		-----		
			10,339,799		1,090		
	2007	ALASKA	8,219,653	99.0%	1,058	89.7%	7,769
		WASHINGTON	84,506	1.0%	11	4.5%	7,682
		OTHER		0.0%		0.0%	

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
			8,304,159		1,069		
	2008	ALASKA	6,045,086	99.0%	991	98.9	6,100
		WASHINGTON	61,765	1.0%	11	1.1	5,615
		OTHER	0	0.0%		0	
			6,106,851		1,002		
	2009	ALASKA	4,770,582	98.7%	931	98.9	5,124
		WASHINGTON	61,660	1.3%	10	1.1	6,166
		OTHER	0	0.0%		0	
			4,832,242		941		
	2010	ALASKA	4,311,954	99.1%	937	93.6%	4,602
		WASHINGTON	38,048	0.9%	9	4.1%	4,228
		OTHER	0	0.0%		0	
			4,350,002		946		
	2011	ALASKA	2,272,922	99.1%	907	89.7%	2,506
		WASHINGTON	20,004	0.9%	4	2.0%	5,001
		OTHER	0	0.0%		0	
			2,292,926		911		
	2012	ALASKA	2,519,917	99.7%	885	62.1%	2,847
		WASHINGTON	7,326	0.3%	5	9.1%	1,465
		OTHER	0	0.0%		0	
			2,527,243		890		
	2013	ALASKA	2,849,758	99.6%	877	63.1%	3,249
		WASHINGTON	11,853	0.4%	3	5.7%	3,951
		OTHER	0	0.0%		0	
			2,861,611		880		
	2014	ALASKA	4,311,954	99.1%	937	66.3%	4,602
		WASHINGTON	38,048	0.9%	9	15.0%	4,228
		OTHER	0	0.0%		0	
			4,350,002		946		
3A	1995	ALASKA	11,530,786	65.0%	1,179	75.8	9,780
		WASHINGTON	4,049,864	22.8%	242	15.6	16,735
		OTHER	2,166,476	12.2%	134	8.6	16,168
			17,747,126		1,555		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	1996	ALASKA	12,721,850	65.9%	1,203	76.1	10,575
		WASHINGTON	4,419,937	22.9%	244	15.4	18,114
		OTHER	2,163,575	11.2%	133	8.4	16,267
			-----		-----		
			19,305,362		1,580		
	1997	ALASKA	15,660,257	64.8%	1,162	76	13,477
		WASHINGTON	5,749,423	23.8%	234	15.3	24,570
		OTHER	2,775,483	11.5%	132	8.6	21,026
			-----		-----		
			24,185,163		1,528		
	1998	ALASKA	15,885,469	64.8%	1,001	74.9	15,870
		WASHINGTON	5,768,119	23.5%	219	16.4	26,338
		OTHER	2,865,464	11.7%	117	8.8	24,491
			-----		-----		
			24,519,052		1,337		
	1999	ALASKA	15,345,068	63.3%	1,011	76	15,178
		WASHINGTON	6,014,391	24.8%	205	15.4	29,338
		OTHER	2,864,532	11.8%	114	8.6	25,127
			-----		-----		
			24,223,991		1,330		
	2000	ALASKA	16,756,674	92.8%	1,425	96.0%	11,759
		WASHINGTON	1,240,512	6.9%	55	3.7%	22,555
		OTHER	68,910	0.4%	4	0.3%	0
			-----		-----		
			18,066,096		1,484		
	2001	ALASKA	19,724,311	93.6%	1,390	96.3%	14,190
		WASHINGTON	1,347,156	6.4%	53	3.7%	25,418
		OTHER		0.0%		0.0%	0
			-----		-----		
			21,071,467		1,443		
	2002	ALASKA	20,871,228	92.5%	1,414	95.9%	14,760
		WASHINGTON	1,631,684	7.2%	60	4.1%	27,195
		OTHER	57,256	0.3%	1	0.1%	0
			-----		-----		
			22,560,168		1,475		
	2003	ALASKA	21,057,998	94.5%	1,425	96.3%	14,778
		WASHINGTON	1,180,672	5.3%	52	3.5%	22,705
		OTHER	43,271	0.2%	2	0.1%	0
			-----		-----		
			22,281,941		1,479		
	2004	ALASKA	16,756,674	92.8%	1,425	96.1%	11,759
		WASHINGTON	1,240,512	6.9%	55	3.7%	22,555
		OTHER	68,910	0.4%	3	0.2%	0
			-----		-----		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
			18,066,096		1,483		
	2005	ALASKA	23,745,116	94.6%	1,386	96.5%	17,132
		WASHINGTON	1,307,487	5.2%	49	3.4%	26,683
		OTHER	47,930	0.2%	2	0.1%	0
			-----		-----		
			25,100,533		1,437		
	2006	ALASKA	23,752,480	95.2%	1,390	96.5%	17,088
		WASHINGTON	1,200,061	4.8%	50	3.5%	24,001
		OTHER		0.0%		0.0%	0
			-----		-----		
			24,952,541		1,440		
	2007	ALASKA	24,695,505	95.1%	1,383	96.7%	17,856
		WASHINGTON	1,261,835	4.9%	47	3.3%	26,848
		OTHER		0.0%		0.0%	0
			-----		-----		
			25,957,340		1,430		
	2008	ALASKA	22,957,744	95.6%	1,354	96.9%	16,955
		WASHINGTON	1,062,633	4.4%	44	3.1%	24,151
		OTHER		0.0%		0.0%	0
			-----		-----		
			24,020,377		1,398		
	2009	ALASKA	20,394,099	95.5%	1,320	96.8%	15,450
		WASHINGTON	922,811	4.3%	40	2.9%	23,070
		OTHER	37,983	0.2%	3	0.2%	0
			-----		-----		
			21,354,893		1,363		
	2010	ALASKA	19,347,045	96.3%	1,318	97.0%	14,679
		WASHINGTON	715,078	3.6%	38	2.8%	18,818
		OTHER	30,186	0.2%	3	0.2%	0
			-----		-----		
			20,092,309		1,359		
	2011	ALASKA	13,667,942	95.8%	1,296	97.4%	10,546
		WASHINGTON	600,088	4.2%	35	2.6%	17,145
		OTHER		0.0%		0.0%	0
			-----		-----		
			14,268,030		1,331		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
3B	2012	ALASKA	11,137,111		1,254	97.1%	8,881
		WASHINGTON	551,174		37	2.9%	14,897
		OTHER				0.0%	0

					1,291		
	2013	ALASKA	10,401,830		1,192	97.9%	8,726
		WASHINGTON	422,624		25	2.1%	16,905
		OTHER				0.0%	0

					1,217		
	2014	ALASKA	19,347,045		1,318	97.0%	14,679
		WASHINGTON	715,078		38	2.8%	18,818
		OTHER	30,186		3	0.2%	0

					1,359		
	1995	ALASKA	1,534,337	48.8%	297	66.7	5,166
		WASHINGTON	1,205,253	38.3%	95	21.3	12,687
		OTHER	407,710	13.0%	53	11.9	7,693
			-----		-----		
			3,147,300		445		
	1996	ALASKA	1,775,541	50.8%	336	69.7	5,284
		WASHINGTON	1,309,219	37.5%	104	21.6	12,589
		OTHER	408,463	11.7%	42	8.7	9,725
			-----		-----		
			3,493,223		482		
	1997	ALASKA	4,370,288	49.9%	342	69.8	12,779
		WASHINGTON	3,314,813	37.9%	104	21.2	31,873
		OTHER	1,068,992	12.2%	44	9	24,295
			-----		-----		
			8,754,093		490		
	1998	ALASKA	5,137,337	48.6%	302	67.1	17,011
		WASHINGTON	3,995,401	37.8%	101	22.4	39,558
		OTHER	1,435,343	13.6%	47	10.4	30,539
			-----		-----		
			10,568,081		450		
	1999	ALASKA	6,621,375	50.2%	318	67.5	20,822
		WASHINGTON	4,721,484	35.8%	101	21.4	46,747
		OTHER	1,839,981	14.0%	52	11	35,384
			-----		-----		
			13,182,840		471		
	2000	ALASKA	14,299,934	95.7%	515	96.8%	27,767
		WASHINGTON	589,450	3.9%	16	3.0%	36,841
		OTHER	51,240	0.3%	1	0.2%	0
			-----		-----		
			14,940,624		532		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	2001	ALASKA	15,640,537	97.3%	498	97.8%	31,407
		WASHINGTON	441,607	2.7%	11	2.2%	40,146
		OTHER		0.0%		0.0%	0
			-----		-----		
			16,082,144		509		
	2002	ALASKA	16,825,663	98.3%	504	98.6%	33,384
		WASHINGTON	260,266	1.5%	6	1.2%	43,378
		OTHER	33,848	0.2%	1	0.2%	0
			-----		-----		
			17,119,777		511		
	2003	ALASKA	16,856,980	98.3%	513	98.5%	32,860
		WASHINGTON	223,694	1.3%	6	1.2%	37,282
		OTHER	59,931	0.3%	2	0.4%	0
			-----		-----		
			17,140,605		521		
	2004	ALASKA	14,299,934	95.7%	515	96.8%	27,767
		WASHINGTON	589,450	3.9%	16	3.0%	36,841
		OTHER	51,240	0.3%	1	0.2%	0
			-----		-----		
			14,940,624		532		
	2005	ALASKA	12,959,971	99.7%	490	99.2%	26,449
		WASHINGTON	43,945	0.3%	4	0.8%	10,986
		OTHER		0.0%		0.0%	0
			-----		-----		
			13,003,916		494		
	2006	ALASKA	10,669,248	98.8%	484	99.0%	22,044
		WASHINGTON	127,375	1.2%	5	1.0%	25,475
		OTHER		0.0%		0.0%	0
			-----		-----		
			10,796,623		489		
	2007	ALASKA	9,193,858	99.8%	499	99.8%	18,425
		WASHINGTON	22,856	0.2%	1	0.2%	22,856
		OTHER		0.0%		0.0%	0
			-----		-----		
			9,216,714		500		
	2008	ALASKA	10,760,236	100.0%	501	99.8%	21,478
		WASHINGTON	1,423	0.0%	1	0.2%	1,423
		OTHER		0.0%		0.0%	0
			-----		-----		
			10,761,659		502		
	2009	ALASKA	10,656,040	99.9%	491	99.6%	21,703

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
4A		WASHINGTON	6,891	0.1%	2	0.4%	3,446
		OTHER		0.0%		0.0%	0
			-----		-----		
			10,662,931		493		
	2010	ALASKA	9,965,054	100.0%	487	100.0%	20,462
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	2011	ALASKA	7,343,932	100.0%	493	100.0%	14,896
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	2012	ALASKA	4,990,671	100.0%	477	100.0%	10,463
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	2013	ALASKA	4,034,396	100.0%	455	100.0%	8,867
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	2014	ALASKA	9,965,054	100.0%	487	100.0%	20,462
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	1995	ALASKA	9,965,054		487		
		WASHINGTON	670,764	42.7%	99	54.1	6,775
		OTHER	647,145	41.2%	62	33.9	10,438
			252,989	16.1%	22	12	11,500
	1996		-----		-----		
		ALASKA	1,570,898		183		
		WASHINGTON	795,519	45.9%	115	56.7	6,918
		OTHER	692,103	39.9%	65	32	10,648
	1997		246,579	14.2%	23	11.3	10,721
			-----		-----		
		ALASKA	1,734,201		203		
			1,324,224	47.9%	119	61.7	11,128

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
		WASHINGTON	995,793	36.0%	53	27.5	18,789
		OTHER	442,711	16.0%	21	10.9	21,081
			-----		-----		
			2,762,728		193		
	1998	ALASKA	1,492,572	46.6%	105	59	14,215
		WASHINGTON	1,122,875	35.1%	50	28.1	22,458
		OTHER	585,163	18.3%	23	12.9	25,442
			-----		-----		
			3,200,610		178		
	1999	ALASKA	1,973,432	47.5%	107	58.5	18,443
		WASHINGTON	1,419,856	34.2%	54	29.5	26,294
		OTHER	757,587	18.3%	22	12	34,436
			-----		-----		
			4,150,875		183		
	2000	ALASKA	4,861,514	100.0%	230	100.0%	21,137
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			4,861,514		230		
	2001	ALASKA	4,823,638	100.0%	216	100.0%	22,332
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			4,823,638		216		
	2002	ALASKA	4,951,724	100.0%	223	100.0%	22,205
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			4,951,724		223		
	2003	ALASKA	4,842,456	98.9%	216	99.1%	22,419
		WASHINGTON		0.0%		0.0%	0
		OTHER	53,014	1.1%	2	0.9%	0
			-----		-----		
			4,895,470		218		
	2004	ALASKA	4,861,514	100.0%	230	100.0%	21,137
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			4,861,514		230		
	2005	ALASKA	3,323,997	100.0%	213	100.0%	15,606
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			3,323,997		213		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	2006	ALASKA	3,260,395	100.0%	210	100.0%	15,526
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			3,260,395		210		
	2007	ALASKA	2,775,332	100.0%	203	100.0%	13,672
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,775,332		203		
	2008	ALASKA	2,962,290	100.0%	198	100.0%	14,961
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,962,290		198		
	2009	ALASKA	2,454,444	100.0%	187	100.0%	13,125
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,454,444		187		
	2010	ALASKA	2,267,000	100.0%	194	100.0%	11,686
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,267,000		194		
	2011	ALASKA	2,286,068	100%	201	100.0%	11,373
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,286,068		201		
	2012	ALASKA	1,544,024	100.0%	199	100.0%	7,759
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,544,024		199		
	2013	ALASKA	1,206,747	100.0%	176	100.0%	6,857
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,206,747		176		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
4B	2014	ALASKA	2,267,000	1	194	100.0%	11,686
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
	1995		-----		-----		
			2,267,000		194		
		ALASKA	320,174	25.7%	20	32.8	16,009
		WASHINGTON	825,314	66.2%	32	52.5	25,791
		OTHER	101,835	8.2%	9	14.8	11,315
			-----		-----		
	1996		1,247,323		61		
		ALASKA	479,053	29.1%	28	36.4	17,109
		WASHINGTON	1,067,297	64.8%	40	51.9	26,682
		OTHER	99,582	6.1%	9	11.7	11,065
			-----		-----		
	1997		1,645,932		77		
		ALASKA	799,862	31.1%	38	43.2	21,049
		WASHINGTON	1,583,058	61.5%	40	45.5	39,576
		OTHER	192,068	7.5%	10	11.4	19,207
			-----		-----		
	1998		2,574,988		88		
		ALASKA	549,073	26.5%	22	34.4	24,958
		WASHINGTON	1,373,186	66.3%	36	56.3	38,144
		OTHER	149,620	7.2%	6	9.4	24,937
			-----		-----		
	1999		2,071,879		64		
		ALASKA	914,705	33.0%	28	40	32,668
		WASHINGTON	1,724,430	62.2%	36	51.4	47,901
		OTHER	134,646	4.9%	6	8.6	22,441
			-----		-----		
	2000		2,773,781		70		
		ALASKA	3,626,754	100.0%	87	100.0%	41,687
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
	2001		3,626,754		87		
		ALASKA	3,398,611	96.6%	94	98.9%	36,155
		WASHINGTON	119,047	3.4%	1	1.1%	119,047
		OTHER		0.0%		0.0%	0
			-----		-----		
	2002		3,517,658		95		
		ALASKA	3,213,189	100.0%	97	100.0%	33,126
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			3,213,189		97		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	2003	ALASKA	3,005,534	100.0%	96	100.0%	31,308
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			3,005,534		96		
	2004	ALASKA	3,626,754	100.0%	87	100.0%	41,687
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			3,626,754		87		
	2005	ALASKA	1,595,682	100.0%	89	100.0%	17,929
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,595,682		89		
	2006	ALASKA	1,220,833	100.0%	83	100.0%	14,709
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,220,833		83		
	2007	ALASKA	1,088,443	100.0%	94	100.0%	11,579
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,088,443		94		
	2008	ALASKA	1,357,128	100.0%	86	100.0%	15,781
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,357,128		86		
	2009	ALASKA	1,232,219	100.0%	73	100.0%	16,880
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,232,219		73		
	2010	ALASKA	1,394,752	100.0%	80	100.0%	17,434
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,394,752		80		
	2011	ALASKA	1,595,524	100.0%	82	100.0%	19,458

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
4C		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
	2012		----- 1,595,524		----- 82		
		ALASKA	1,370,408	100.0%	83	100.0%	16,511
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			----- 1,370,408		----- 83		
	2013	ALASKA	986,945	100.0%	82	100.0%	12,036
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			----- 986,945		----- 82		
	2014	ALASKA	1,394,752	100.0%	80	100.0%	17,434
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			----- 1,394,752		----- 80		
	1995	ALASKA	164,957	55.1%	25	65.8	6,598
		WASHINGTON	83,577	27.9%	10	26.3	8,358
		OTHER	51,108	17.1%	3	7.9	17,036
			----- 299,642		----- 38		
	1996	ALASKA	180,163	60.8%	29	65.9	6,213
		WASHINGTON	78,198	26.4%	10	22.7	7,820
		OTHER	38,078	12.8%	5	11.4	7,616
			----- 296,439		----- 44		
	1997	ALASKA	309,598	61.4%	33	66	9,382
		WASHINGTON	146,359	29.0%	13	26	11,258
		OTHER	48,611	9.6%	4	8	12,153
			----- 504,568		----- 50		
	1998	ALASKA	248,205	52.5%	23	65.7	10,792
		WASHINGTON	154,660	32.7%	8	22.9	19,333
		OTHER	70,255	14.8%	4	11.4	17,564
			----- 473,120		----- 35		
	1999	ALASKA	388,065	50.6%	26	63.4	14,926
		WASHINGTON	282,919	36.9%	11	26.8	25,720
		OTHER	96,510	12.6%	4	9.8	24,128
			----- 767,494		----- 41		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	2000	ALASKA	731,358	100.0%	45	100.0%	16,252
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			731,358		45		
	2001	ALASKA	724,815	100.0%	44	100.0%	16,473
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			724,815		44		
	2002	ALASKA	484,815	100.0%	34	100.0%	14,259
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			484,815		34		
	2003	ALASKA	424,935	100.0%	33	100.0%	12,877
		WASHINGTON		0.0%		0.0%	#DIV/0!
		OTHER		0.0%		0.0%	0
			-----		-----		
			424,935		33		
	2004	ALASKA	731,358	100.0%	45	100.0%	16,252
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			731,358		45		
	2005	ALASKA	78,361	100.0%	12	100.0%	6,530
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			78,361		12		
	2006	ALASKA	124,494	100.0%	12	100.0%	10,375
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			124,494		12		
	2007	ALASKA	106,930	100.0%	7	100.0%	15,276
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			106,930		7		
	2008	ALASKA	52,422	100.0%	11	100.0%	4,766
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
			52,422		11		
	2009	ALASKA	53,360	100.0%	8	100.0%	6,670
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			53,360		8		
	2010	ALASKA	106,338	100.0%	9	100.0%	11,815
		WASHINGTON	0	0.0%	0	0.0%	0
		OTHER	0	0.0%	0	0.0%	0
			-----		-----		
			106,338		9		
	2011	ALASKA	104,808	100.0%	15	100.0%	6,987
		WASHINGTON	0	0.0%	0	0.0%	0
		OTHER	0	0.0%	0	0.0%	0
			-----		-----		
			104,808		15		
	2012	ALASKA	82,051	100.0%	16	100.0%	5,128
		WASHINGTON	0	0.0%	0	0.0%	0
		OTHER	0	0.0%	0	0.0%	0
			-----		-----		
			82,051		16		
	2013	ALASKA	103,388	100.0%	23	100.0%	4,495
		WASHINGTON	0	0.0%	0	0.0%	0
		OTHER	0	0.0%	0	0.0%	0
			-----		-----		
			103,388		23		
	2014	ALASKA	106,338	100.0%	9	100.0%	11,815
		WASHINGTON	0	0.0%	0	0.0%	0
		OTHER	0	0.0%	0	0.0%	0
			-----		-----		
			106,338		9		
4D	1995	ALASKA	20,085	4.7%	5	16.7	4,017
		WASHINGTON	347,887	80.8%	22	73.3	15,813
		OTHER	62,843	14.6%	3	10	20,948
			-----		-----		
			430,815		30		
	1996	ALASKA	67,097	13.8%	8	20	8,387
		WASHINGTON	350,388	71.9%	27	67.5	12,977
		OTHER	69,655	14.3%	5	12.5	13,931
			-----		-----		
			487,140		40		
	1997	ALASKA	147,131	19.4%	12	31.6	12,261

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
		WASHINGTON	496,158	65.5%	22	57.9	22,553
		OTHER	113,691	15.0%	4	10.5	28,423
			-----		-----		
			756,980		38		
	1998	ALASKA	100,708	11.9%	5	20.8	20,142
		WASHINGTON	602,641	71.5%	16	66.7	37,665
		OTHER	139,463	16.5%	3	12.5	46,488
			-----		-----		
			842,812		24		
	1999	ALASKA	277,213	21.2%	11	30.6	25,201
		WASHINGTON	821,682	63.0%	21	58.3	39,128
		OTHER	205,817	15.8%	4	11.1	51,454
			-----		-----		
			1,304,712		36		
	2000	ALASKA	1,378,038	100.0%	46	100.0%	29,957
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,378,038		46		
	2001	ALASKA	1,368,875	100.0%	43	100.0%	31,834
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,368,875		43		
	2002	ALASKA	1,360,253	100.0%	45	100.0%	30,228
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,360,253		45		
	2003	ALASKA	1,421,028	100.0%	46	100.0%	30,892
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,421,028		46		
	2004	ALASKA	1,378,038	100.0%	46	100.0%	29,957
		WASHINGTON	0	0.0%		0.0%	0
		OTHER	0	0.0%		0.0%	0
			-----		-----		
			1,378,038		46		
	2005	ALASKA	1,678,464	100.0%	62	100.0%	27,072
		WASHINGTON	0	0.0%		0.0%	0
		OTHER	0	0.0%		0.0%	0
			-----		-----		
			1,678,464		62		

AREA	YEAR	STATE OF RESIDENCE OF QS OWNER	TOTAL HARVEST	PERCENT OF AREA HARVEST	PERSONS WITH LANDINGS	PCT. OF TOTAL PERSONS	AVERAGE ANNUAL HARVEST
	2006	ALASKA	1,530,854	100.0%	65	100.0%	23,552
		WASHINGTON	0	0.0%		0.0%	0
		OTHER	0	0.0%		0.0%	0
			-----		-----		
			1,530,854		65		
	2007	ALASKA	1,879,795	100.0%	69	100.0%	27,243
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,879,795		69		
	2008	ALASKA	2,061,012	100.0%	80	100.0%	25,763
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			2,061,012		80		
	2009	ALASKA	1,684,308	100.0%	79	100.0%	21,320
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,684,308		79		
	2010	ALASKA	1,703,278	100.0%	76	100.0%	22,412
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,703,278		76		
	2011	ALASKA	1,742,965	100.0%	79	100.0%	22,063
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,742,965		79		
	2012	ALASKA	1,125,000	100.0%	72	100.0%	15,625
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,125,000		72		
	2013	ALASKA	813,767	100.0%	54	100.0%	15,070
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			813,767		54		
	2014	ALASKA	1,703,278	100.0%	76	100.0%	22,412
		WASHINGTON		0.0%		0.0%	0
		OTHER		0.0%		0.0%	0
			-----		-----		
			1,703,278		76		

Table 12-5 indicates that in Areas 2C, 3A, 3B, 4A, and 4C, Most IFQ permit holders with landings used QS owned by Alaska residents. Quota share owners from Alaska were also credited with the most pounds landed in Areas 2C, 3A, and 4C in all four of the 1995 through 2014 fishing seasons. In Areas 4B and 4D, the most permit holders with landings used QS owned by persons from Washington. Quota share owners from states other than Alaska or Washington were credited with relatively small amounts of the landings.

Table 12-6 provides data on landings by QS holders and hired skippers. The IFQ program rules allow some QS holders to employ a “hired skipper” to landing their IFQ.

TABLE 12-6. HALIBUT HARVEST BY QS OWNERS AND HIRED SKIPPERS, 1995 TO 2014

AREA	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPERS WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
2C	1995	1,307	7,646,188	99.2%	19	62,226	0.8%	7,708,414
	1996	1,301	8,323,774	98.8%	28	100,644	1.2%	8,424,418
	1997	1,253	9,384,833	98.0%	32	172,432	1.8%	9,557,265
	1998	1,091	9,288,212	97.0%	38	240,666	2.5%	9,528,878
	1999	1,085	9,604,838	98.0%	33	201,679	2.1%	9,806,517
	2000	1,078	8,001,485	97.7%	37	190,284	2.3%	8,191,769
	2001	1,014	7,975,000	97.6%	33	195,172	2.4%	8,170,172
	2002	1,039	8,233,136	97.6%	35	199,235	2.5%	8,432,371
	2003	1,031	8,037,313	97.5%	36	204,954	2.5%	8,242,267
	2004	1,024	9,867,549	97.8%	33	219,867	2.2%	10,087,416
	2005	988	10,225,876	97.8%	29	233,570	2.1%	10,459,446
	2006	1,001	10,107,047	97.8%	33	229,061	2.2%	10,336,108
	2007	979	8,100,461	97.6%	31	200,078	2.4%	8,300,539
	2008	910	5,960,089	97.8%	27	136,704	2.2%	6,096,793
	2009	855	4,727,931	97.9%	28	103,611	2.1%	4,831,542

AREA	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPERS WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
2C Cont.	2010	848	4,234,347	97.4%	27	114,288	2.6%	4,348,635
	2011	821	2,232,243	97.4%	24	60,650	2.6%	2,292,893
	2012	798	2,469,021	97.7%	27	58,222	2.3%	2,527,243
	2013	784	2,779,284	97.1%	30	82,327	2.9%	2,861,611
	2014	759	3,136,439	97.5%	29	78,974	2.5%	3,215,413
3A	1995	1,457	15,214,222	85.7%	115	2,532,904	14.3%	17,747,126
	1996	1,456	15,462,551	80.0%	151	3,842,811	19.9%	19,305,362
	1997	1,356	16,671,796	69.0%	202	7,513,367	31.1%	24,185,163
	1998	1,163	15,943,600	65.0%	213	8,575,452	35.0%	24,519,052
	1999	1,172	16,160,050	67.0%	200	8,063,941	33.3%	24,223,991
	2000	1,129	11,596,476	64.3%	207	6,447,719	35.7%	18,044,195
	2001	1,097	13,267,299	63.0%	208	7,804,168	37.0%	21,071,467
	2002	1,121	14,691,622	65.1%	190	7,865,953	34.9%	22,557,575
	2003	1,110	14,389,182	64.6%	192	7,888,619	35.4%	22,277,801
	2004	1,070	15,484,090	62.9%	197	9,115,978	37.1%	24,600,068
	2005	1,039	15,225,715	60.8%	212	9,825,387	39.2%	25,051,102
	2006	1,038	15,048,617	60.3%	220	9,897,292	39.7%	24,945,909
	2007	1,018	14,939,557	57.6%	221	10,997,819	42.4%	25,937,376
	2008	999	14,506,004	60.4%	216	9,503,485	39.6%	24,009,489
	2009	946	12,163,409	57.1%	225	9,130,202	42.9%	21,293,611
	2010	924	11,273,488	56.1%	228	8,817,321	43.9%	20,090,809
	2011	901	8,112,007	56.9%	219	6,156,023	43.1%	14,268,030
	2012	877	6,582,578	56.3%	211	5,105,707	43.7%	11,688,285
	2013	802	5,934,633	54.8%	211	4,889,821	45.2%	10,824,454
	2014	791	4,212,979	57.3%	192	3,140,854	42.7%	7,353,833
3B	1995	379	2,462,537	78.0%	67	684,763	21.8%	3,147,300
	1996	404	2,395,549	69.0%	87	1,097,674	31.4%	3,493,223
	1997	383	4,864,069	56.0%	126	3,890,024	44.4%	8,754,093
	1998	336	5,150,471	49.0%	132	5,417,610	51.3%	10,568,081
	1999	347	6,782,006	51.0%	140	6,400,834	48.6%	13,182,840
	2000	342	7,621,794	51.0%	145	7,318,830	49.0%	14,940,624
	2001	320	7,581,919	47.1%	145	8,500,225	52.9%	16,082,144
	2002	324	8,379,205	48.9%	156	8,740,572	51.1%	17,119,777
	2003	327	8,082,740	47.2%	157	9,057,865	52.8%	17,140,605
	2004	303	7,076,900	46.2%	157	8,255,624	53.8%	15,332,524
	2005	297	6,081,498	46.8%	156	6,912,801	53.2%	12,994,299
	2006	291	4,973,804	46.3%	154	5,779,371	53.7%	10,753,175
	2007	289	3,972,668	43.1%	147	5,244,046	56.9%	9,216,714
	2008	292	4,792,673	44.5%	152	5,967,186	55.5%	10,759,859
	2009	281	4,677,766	43.9%	163	5,977,507	56.1%	10,655,273
	2010	269	4,098,225	41.2%	163	5,853,712	58.8%	9,951,937
	2011	276	3,216,510	43.8%	156	4,127,422	56.2%	7,343,932
	2012	261	2,201,716	44.1%	144	2,788,955	55.9%	4,990,671
	2013	243	1,813,666	45.0%	140	2,220,730	55.0%	4,034,396
	2014	240	1,320,232	46.8%	138	1,503,505	53.2%	2,823,737
4A	1995	146	1,062,404	67.6%	38	508,494	35.4%	1,570,898
	1996	145	1,035,775	59.7%	58	698,426	40.3%	1,734,201
	1997	139	1,366,130	49.4%	60	1,396,598	50.6%	2,762,728
	1998	121	1,519,992	47.5%	62	1,680,618	52.6%	3,200,610
	1999	124	2,017,582	48.6%	65	2,133,293	51.4%	4,150,875

AREA	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPERS WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
4A Cont.	2000	129	2,374,011	48.8%	68	2,487,503	51.2%	4,861,514
	2001	112	2,024,674	42.0%	72	2,798,964	58.0%	4,823,638
	2002	118	2,269,599	45.8%	75	2,682,125	54.2%	4,951,724
	2003	112	2,089,418	42.7%	67	2,806,052	57.3%	4,895,470
	2004	108	1,426,530	42.9%	69	1,897,696	57.1%	3,324,226
	2005	108	1,575,170	47.4%	63	1,748,827	52.6%	3,323,997
	2006	108	1,541,063	47.3%	63	1,718,602	52.7%	3,259,665
	2007	107	1,438,608	51.8%	57	1,336,724	48.2%	2,775,332
	2008	102	1,421,454	48.0%	62	1,537,472	52.0%	2,958,926
	2009	92	1,224,139	49.9%	65	1,230,305	50.1%	2,454,444
	2010	91	1,086,978	47.9%	58	1,180,022	52.1%	2,267,000
	2011	93	1,105,989	48.4%	61	1,180,079	51.6%	2,286,068
	2012	92	785,663	50.9%	50	758,361	49.1%	1,544,024
	2013	75	594,172	49.2%	48	612,575	50.8%	1,206,747
	2014	84	425,943	51.5%	47	401,132	48.5%	827,075
4B	1995	44	1,021,688	81.9%	17	225,635	18.1%	1,247,323
	1996	40	890,954	54.1%	36	754,978	45.9%	1,645,932
	1997	47	994,477	38.6%	41	1,580,511	61.4%	2,574,988
	1998	32	801,741	38.7%	33	1,270,138	61.3%	2,071,879
	1999	36	966,746	34.9%	38	1,807,035	65.1%	2,773,781
	2000	43	1,251,757	27.4%	51	3,312,704	72.6%	4,564,461
	2001	44	1,353,838	30.9%	52	3,031,514	69.0%	4,385,352
	2002	42	997,944	24.7%	53	3,047,258	75.3%	4,045,202
	2003	42	978,998	25.6%	46	2,848,423	74.4%	3,827,421
	2004	39	778,770	29.1%	43	1,893,438	70.9%	2,672,208
	2005	36	512,266	26.5%	34	1,419,846	73.5%	1,932,112
	2006	32	404,253	26.0%	35	1,150,580	74.0%	1,554,833
	2007	41	391,884	28.5%	32	984,559	71.5%	1,376,443
	2008	39	507,872	29.5%	32	1,216,594	70.5%	1,724,466
	2009	32	427,956	27.9%	34	1,107,740	72.1%	1,535,696
	2010	32	450,199	25.1%	36	1,345,230	74.9%	1,795,429
	2011	32	499,379	24.6%	38	1,530,714	75.4%	2,030,093
	2012	36	507,224	29.6%	41	1,207,745	70.4%	1,714,969
	2013	37	370,221	30.4%	39	847,564	69.6%	1,217,785
	2014	33	363,885	33.4%	32	724,769	66.6%	1,088,654
4C	1995	32	212,589	70.9%	5	87,053	29.1%	299,642
	1996	33	208,371	70.3%	11	88,068	29.7%	296,439
	1997	38	356,128	70.6%	14	148,440	29.4%	504,568
	1998	22	199,052	42.1%	14	274,068	57.9%	473,120
	1999	31	470,124	61.3%	12	297,370	38.7%	767,494
	2000	27	417,393	23.9%	45	1,328,740	76.1%	1,746,133
	2001	23	310,825	17.9%	47	1,421,522	82.1%	1,732,347
	2002	16	179,925	15.1%	45	1,013,498	84.9%	1,193,423
	2003	18	168,633	19.0%	36	717,483	81.0%	886,116
	2004	17	204,504	21.4%	41	750,943	78.6%	955,447
	2005	8	23,239	43.0%	25	518,789	95.7%	542,028
	2006	8	122,627	24.3%	23	375,093	75.4%	497,720
	2007	5	83,486	15.3%	24	460,631	84.7%	544,117
	2008	6	28,728	40.0%	27	693,377	96.0%	722,105
	2009	7	30,949	49.0%	23	594,353	95.1%	625,302
	2010	7	87,319	10.7%	26	725,194	89.3%	812,513

AREA	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPERS WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
4C	2011	10	29,460	3.7%	35	757,861	96.3%	787,321
Cont.	2012	12	56,000	9.8%	29	513,433	90.2%	569,433
	2013	20	93,210	18.3%	26	415,499	81.7%	508,709
	2014	16	101,228	25.5%	24	295,636	74.5%	396,864
4D	1995	20	288,224	66.9%	10	142,591	33.1%	430,815
	1996	18	213,344	43.8%	23	273,796	56.2%	487,140
	1997	13	230,420	30.4%	27	526,560	69.6%	756,980
	1998	10	280,109	33.2%	17	562,703	66.8%	842,812
	1999	17	537,437	41.2%	22	767,275	58.8%	1,304,712
	2000	20	516,597	37.5%	23	861,441	62.5%	1,378,038
	2001	14	363,891	26.6%	25	1,004,984	73.4%	1,368,875
	2002	16	420,872	23.9%	30	1,338,228	76.1%	1,759,100
	2003	19	530,364	27.9%	27	1,375,833	72.2%	1,906,197
	2004	21	516,730	31.6%	27	1,116,704	68.4%	1,633,434
	2005	22	525,905	20.8%	33	1,999,480	79.2%	2,525,385
	2006	26	507,714	21.4%	38	1,870,273	78.6%	2,377,987
	2007	27	605,857	22.4%	45	2,102,485	77.6%	2,708,342
	2008	35	824,428	32.4%	38	1,717,329	67.6%	2,541,757
	2009	32	666,786	30.0%	43	1,553,440	70.0%	2,220,226
	2010	30	719,866	34.3%	38	1,380,965	95.1%	2,100,831
	2011	37	748,582	34.2%	42	1,443,712	95.1%	2,192,294
	2012	28	503,116	35.7%	41	906,327	64.3%	1,409,443
	2013	18	330,024	33.9%	41	644,620	66.1%	974,644
	2014	24	245,706	35.1%	42	453,836	64.9%	699,542

For example, in all management areas except Area 2C, an individual who received an initial QS allocation in the catcher vessel categories B, C, or D does not have to be aboard the vessel and sign IFQ landing reports if that individual has at least a 20% ownership interest in the vessel on which the halibut or sablefish IFQ are landed, and the individual is represented on the vessel by a hired skipper.

⁵⁹ Because this exemption is confined to initial individual QS recipients and to non-individual QS holders only, the number of fishing operations where hired skippers are allowed should decrease over time as initial QS recipients transfer their QS holdings.

Persons who hold freezer vessel QS may use hired skippers to operate the vessels and sign IFQ landing reports in any management area, and they do not have to own the vessel that is used in the fishing operation.

Corporations or partnerships that received an initial catcher vessel QS allocation may use their IFQ if they own at least a 20% interest in the vessel on which the IFQ is fished and they are represented on the vessel by a “master,” or skipper, who is an employee of the corporation or partnership.⁶⁰

A hired skipper is defined in this analysis as a person who makes a landing and signs an IFQ report for the landing of someone else’s IFQ. It is a common practice in the halibut fishery for two or more IFQ holders to fish together and landing each person’s IFQ from a single vessel, which is usually owned by one of the IFQ holders. If each individual, records their delivery using their own IFQ permit card then this does not constitute a “hired skipper” in this analysis.

Some “hired skippers,” as identified herein, may actually be *de facto* QS lease arrangements. The regulatory requirement that the initial QS holder own at least 20% of the vessel that is being used to landing the IFQ was meant to discourage leasing of QS. However, this regulation was only implemented by NMFS in 1998. In prior years, the regulation was not specific concerning the percentage ownership interest that the QS holder needed to have. There have been cases in which an initial catcher vessel QS holder purchased a percentage ownership interest in a vessel and then the skipper of that vessel fished all of the person’s IFQ.

While the Council wanted to provide for hired skippers, it did not want to expand the leasing privilege. The Council adopted a proposed regulation for a 20% minimum vessel ownership percentage in September, 1997⁶¹ in order to constrain this practice. NMFS- The data indicate a substantial amount of the halibut landing were made by hired skippers, especially in the westward management areas. Note that more restrictive rules in Area 2C and a small amount of freezer vessel IFQ available in that area kept the number of operations with hired skippers much lower than other areas. In the other management areas there has been a marked increase between 1995 and 1998 and then maintained steady till 2014 in the landings by hired skippers. For example, in Area 3B in 1995, 67 hired skippers were credited with 21.8% of the landings. In following years, the number of hired skippers and their percentage of the catch increased when 163 hired skippers took 56.2% of the area landing. Over time the use of hired masters should decrease as initial issuee “persons” leave the fishery.

⁵⁹ 50 CFR 679.42 (c) and (i). These new minimum ownership regulations were first implemented by NMFS in 1998. They also provide for some “grandfathered” privileges whereby some initial QS holders who had used a hired skipper prior to April 17, 1997 can continue to do so, even if their ownership interest is less than 20%.

⁶⁰ See 50 CFR 679.42(j)

⁶¹ At their September 1997 meeting in Seattle, the Council adopted a proposal requiring initial recipients of catcher vessel QS who wanted to use a designated skipper to hold a 20% ownership interest in any vessel used by their hired skipper. Some “grandfathered” privileges are included in the new rule that will allow some initial QS holders who had used a hired skipper prior to April 17, 1997 to continue to use a hired skipper on a vessel where they have a smaller ownership interest. NMFS-RAM began implementing the Council’s intent in 1998. (See page 6, *The IFQ Program: 1998 Report To The Fleet* published by NMFS-RAM in February 1998.) These rules were incorporated into regulations as 50 CFR 679.42 9(i)(1) and 50 CFR 679.42(j).

NMFS-RAM landing records for corporations or partnerships should show IFQ permit identifiers for hired skippers. However, in some instances especially during the first few years of the IFQ fishery, landings records on the NMFS-RAM database show IFQ identifiers for corporations or partnerships rather than employed “masters,” or skippers. Although it is not possible for a non-human corporate entity to actually skipper a vessel, this anomaly makes counting hired skippers on the NMFS data difficult. Therefore, the actual number of hired skippers is probably underestimated in Tables 12-6 and 12-7.

Table 12-7 illustrates the same information as Table 12-6, except it is broken out by vessel category. The table shows that the rate of use of hired skippers and the percent of landings taken by operations using hired skippers increased from 1995 to 2014 in most cases and vessel categories. Larger catcher vessel categories tend to have higher instances of use of hired skippers. Freezer vessels have high rates of use of hired skippers, which is related to the more liberal program rules for hired skippers aboard freezer vessels and the fact that a higher proportion of freezer shares were issued to non-individual persons.

TABLE 12-7. HALIBUT HARVEST BY VESSEL CATEGORY, QS OWNERS AND HIRED SKIPPERS, 1995 TO 2014

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPERS WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
2C	FREEZER	1995	18	0	.0	1	.	.	162,188
		1996	17	.	.	2	.	.	181,483
		1997	18	.	.	3	.	.	207,640
		1998	19	176,069	86.5%	4	27,513	13.5	203,582
		1999	19	184,101	87.3%	4	26,863	12.7	210,964
		2000	19	162,313	91.6%	3	14,906	8.4%	177,219
		2001	19	151,645	82.7%	4	31,639	17.3%	183,284
		2002	21	133,085	75.0%	6	44,257	25.0%	177,342
		2003	17	118,964	66.5%	8	59,834	33.5%	178,798
		2004	18	161,060	74.5%	8	55,177	25.5%	216,237
		2005	19	150,728	69.2%	6	67,160	30.8%	217,888
		2006	17	151,216	68.7%	8	68,741	31.3%	219,957
		2007	17	118,826	66.9%	7	58,898	33.1%	177,724
		2008	16	69,399	55.3%	7	56,084	44.7%	125,483
		2009	17	55,366	54.8%	7	45,690	45.2%	101,056
		2010	16	36,334	38.3%	8	58,563	61.7%	94,897
		2011	15	18,406	36.2%	7	32,373	63.8%	50,779
		2012	17	26,668	50.1%	8	26,578	49.9%	53,246
		2013	12	17,737	27.7%	10	46,332	72.3%	64,069

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
		2014	13	25,752	38.0%	12	42,067	62.0%	67,819
2C	GT 60 FT.	1995	57	321,949	91.9%	11	28,453	8.1	350,402
		1996	54	349,458	92.4%	13	28,820	7.6	378,278
		1997	49	373,502	86.6%	13	57,951	13.4	431,453
		1998	46	379,608	86.9%	14	57,060	13.1	436,668
		1999	40	385,961	90.6%	11	40,035	9.4	425,996
		2000	41	311,060	86.9%	14	46,754	13.1%	357,814
		2001	37	328,599	90.4%	13	35,043	9.6%	363,642
		2002	42	327,379	90.1%	13	35,808	9.9%	363,187
		2003	43	327,437	89.9%	12	36,804	10.1%	364,241
		2004	43	409,518	91.6%	12	37,542	8.4%	447,060
		2005	44	420,474	91.7%	11	38,035	8.3%	458,509
		2006	45	432,994	91.9%	12	37,918	8.1%	470,912
		2007	43	323,065	91.8%	13	29,004	8.2%	352,069
		2008	46	251,870	92.1%	10	21,630	7.9%	273,500
		2009	45	190,781	92.6%	9	15,236	7.4%	206,017
		2010	45	175,521	91.9%	11	15,499	8.1%	191,020
		2011	46	90,995	92.0%	8	7,916	8.0%	98,911
		2012	45	104,337	92.4%	9	8,540	7.6%	112,877
		2013	48	118,190	92.0%	12	10,252	8.0%	128,442
		2014	46	135,370	92.3%	10	11,314	7.7%	146,684
2C	36-60 FT.	1995	824	6,185,670	99.5%	7	32,573	0.5	6,218,243
		1996	803	6,620,593	99.0%	13	63,887	1	6,684,480
		1997	788	7,495,728	98.6%	17	104,237	1.4	7,599,965
		1998	723	7,550,230	98.0%	20	155,384	2	7,705,614
		1999	724	7,740,039	98.3%	19	134,781	1.7	7,874,820
		2000	720	6,426,925	98.0%	21	128,624	2.0%	6,555,549
		2001	687	6,452,132	98.0%	17	128,490	2.0%	6,580,622
		2002	698	6,597,289	98.2%	17	119,170	1.8%	6,716,459
		2003	691	6,427,062	98.3%	17	108,316	1.7%	6,535,378
		2004	690	7,904,795	98.4%	14	127,148	1.6%	8,031,943
		2005	676	8,201,086	98.5%	13	128,375	1.5%	8,329,461
		2006	670	8,071,922	98.5%	13	122,402	1.5%	8,194,324
		2007	665	6,495,333	98.3%	12	112,176	1.7%	6,607,509
		2008	635	4,779,785	98.8%	11	58,990	1.2%	4,838,775
		2009	615	3,808,821	98.9%	13	42,685	1.1%	3,851,506
		2010	605	3,409,117	98.8%	10	40,226	1.2%	3,449,343
		2011	590	1,795,041	98.9%	9	20,361	1.1%	1,815,402
		2012	576	1,981,427	98.8%	11	23,104	1.2%	2,004,531
		2013	576	2,245,300	98.9%	10	25,743	1.1%	2,271,043
		2014	389	1,974,537	99.1%	6	18,814	0.9%	1,993,351
2C	LE 35 FT.	1995	424	977,581	100.0%	0	0	0	977,581
		1996	455	1,180,177	100.0%	0	0	0	1,180,177
		1997	440	1,318,207	100	0	0	0	1,318,207
		1998	337	.	.	1	.	.	0
		1999	345	1,294,737	100	0	0	0	1,294,737
		2000	340	1,101,187	100	0	0	0	1,101,187
		2001	311	1,042,624	100	0	0	0	1,042,624
		2002	332	1,175,383	100	0	0	0	1,175,383

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
2C Cont.	LE 35 FT.	2003	334	1,163,850	100	0	0	0	1,163,850
		2004	327	1,392,176	100	0	0	0	1,392,176
		2005	308	1,453,588	100	0	0	0	1,453,588
		2006	317	1,450,915	100	0	0	0	1,450,915
		2007	307	1,163,237	100	0	0	0	1,163,237
		2008	273	859,035	100	0	0	0	859,035
		2009	237	672,963	100	0	0	0	672,963
		2010	250	613,375	100	0	0	0	613,375
		2011	235	327,801	100	0	0	0	327,801
		2012	223	356,589	100	0	0	0	356,589
		2013	214	398,057	100	0	0	0	398,057
		2014	213	449,453	100	0	0	0	449,453
3A	FREEZER	1995	25	322,695	79.8%	5	81,842	20.2	404,537
		1996	20	306,895	60.3%	9	202,119	39.7	509,014
		1997	19	219,752	35.9%	11	391,623	64.1	611,375
		1998	16	273,711	42.9%	17	364,294	57.1	638,005
		1999	19	272,273	43.8%	17	349,611	56.2	621,884
		2000	13	172,488	36.4%	21	301,212	63.6%	473,700
		2001	16	216,316	39.9%	18	325,865	60.1%	542,181
		2002	16	233,318	38.8%	20	368,351	61.2%	601,669
		2003	18	211,385	36.5%	19	367,670	63.5%	579,055
		2004	12	243,180	38.1%	20	394,656	61.9%	637,836
		2005	11	169,434	26.1%	21	478,935	73.9%	648,369
		2006	12	211,757	33.0%	22	430,192	67.0%	641,949
		2007	12	153,550	23.9%	25	489,831	76.1%	643,381
		2008	16	248,874	38.8%	20	391,742	61.2%	640,616
		2009	12	153,322	27.6%	24	402,593	72.4%	555,915
		2010	8	83,181	16.2%	26	430,568	83.8%	513,749
		2011	7	37,115	9.8%	29	340,475	90.2%	377,590
		2012	7	36,815	12.3%	24	262,831	87.7%	299,646
3A	GT 60 FT.	2013	7	34,464	12.1%	24	249,213	87.9%	283,677
		2014	9	25,694	13.2%	26	169,499	86.8%	195,193
		1995	191	5,067,335	74.8%	57	1,709,099	25.2%	6,776,434
		1996	186	4,997,907	68.4%	75	2,308,700	31.6%	7,306,607
		1997	165	4,470,553	49.8%	102	4,500,687	50.2%	8,971,240
		1998	149	3,813,671	40.9%	116	5,509,420	59.1%	9,323,091
		1999	158	4,116,481	45.0%	98	5,027,772	55.0%	9,144,253
		2000	153	2,884,193	42.6%	107	3,881,022	57.4%	6,765,215
		2001	145	3,227,674	40.4%	106	4,763,096	59.6%	7,990,770
		2002	156	3,665,974	43.4%	101	4,784,000	56.6%	8,449,974
		2003	164	3,794,903	45.8%	95	4,499,156	54.2%	8,294,059
		2004	158	3,931,794	42.7%	101	5,274,458	57.3%	9,206,252
		2005	157	3,892,476	41.3%	107	5,530,552	58.7%	9,423,028
		2006	156	3,709,991	39.9%	112	5,595,248	60.1%	9,305,239
		2007	154	3,520,000	36.3%	116	6,176,391	63.7%	9,696,391
		2008	163	3,593,397	40.3%	114	5,324,536	59.7%	8,917,933
		2009	156	2,976,536	37.6%	117	4,939,595	62.4%	7,916,131
		2010	158	2,711,989	36.3%	113	4,769,213	63.7%	7,481,202
		2011	158	1,993,874	37.4%	116	3,339,232	62.6%	5,333,106
		2012	157	1,577,153	36.1%	114	2,792,235	63.9%	4,369,388
		2013	154	1,535,095	37.8%	114	2,522,571	62.2%	4,057,666

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
		2014	152	1,055,484	38.5%	101	1,684,960	61.5%	2,740,444
3A	36-60 FT.	1995	940	8,913,543	92.5%	48	722,507	7.5%	9,636,050
		1996	960	9,057,165	87.4%	68	1,303,051	12.6%	10,360,216
		1997	895	10,632,307	80.8%	94	2,523,890	19.2%	13,156,197
		1998	788	10,539,134	80.0%	95	2,637,845	20.0%	13,176,979
		1999	796	10,427,059	80.0%	100	2,614,506	20.0%	13,041,565
		2000	779	7,505,180	77.3%	103	2,206,879	22.7%	9,712,059
		2001	763	8,671,827	76.9%	100	2,608,836	23.1%	11,280,663
		2002	785	9,466,790	78.2%	88	2,640,564	21.8%	12,107,354
		2003	763	9,081,329	75.6%	96	2,929,852	24.4%	12,011,181
		2004	738	9,869,862	74.8%	101	3,328,653	25.2%	13,198,515
		2005	712	9,725,316	72.5%	121	3,687,312	27.5%	13,412,628
		2006	703	9,609,348	71.7%	127	3,799,701	28.3%	13,409,049
		2007	690	9,654,354	69.4%	126	4,264,196	30.6%	13,918,550
		2008	669	9,176,715	71.3%	124	3,686,793	28.7%	12,863,508
		2009	630	7,780,315	68.1%	134	3,647,090	31.9%	11,427,405
		2010	625	7,313,868	68.0%	133	3,449,660	32.0%	10,763,528
		2011	620	5,265,259	69.0%	124	2,362,723	31.0%	7,627,982
		2012	603	4,281,327	68.5%	126	1,964,897	31.5%	6,246,224
		2013	560	3,755,231	65.0%	126	2,025,922	35.0%	5,781,153
		2014	558	2,699,023	68.7%	116	1,228,419	31.3%	3,927,442
3A	LE 35 FT.	1995	329	910,649	97.9%	6	19,456	2.1%	930,105
		1996	342	1,100,584	97.4%	6	28,941	2.6%	1,129,525
		1997	350	1,349,184	93.3%	17	97,167	6.7%	1,446,351
		1998	271	1,317,084	95.4%	11	63,893	4.6%	1,380,977
		1999	284	1,344,237	94.9%	10	72,052	5.1%	1,416,289
		2000	273	1,034,615	94.6%	11	58,606	5.4%	1,093,221
		2001	261	1,151,482	91.5%	11	106,371	8.5%	1,257,853
		2002	267	1,325,540	94.8%	12	73,038	5.2%	1,398,578
		2003	269	1,301,565	93.4%	13	91,941	6.6%	1,393,506
		2004	261	1,439,254	92.4%	13	118,211	7.6%	1,557,465
		2005	265	1,486,419	92.0%	15	128,588	8.0%	1,615,007
		2006	269	1,518,463	95.5%	12	72,150	4.5%	1,590,613
		2007	269	1,611,653	96.0%	12	67,401	4.0%	1,679,054
		2008	260	1,487,018	93.7%	15	100,414	6.3%	1,587,432
		2009	252	1,253,236	89.9%	20	140,924	10.1%	1,394,160
		2010	242	1,164,450	87.4%	19	167,880	12.6%	1,332,330
		2011	229	815,759	87.8%	18	113,593	12.2%	929,352
		2012	221	687,283	88.9%	16	85,744	11.1%	773,027
		2013	189	608,536	87.0%	14	90,664	13.0%	699,200
		2014	192	425,277	88.0%	14	57,976	12.0%	483,253
3B	FREEZER	1995	11	.	.	1	.	.	104,290
		1996	8	67,312	66.0%	8	34,709	34.0%	102,021
		1997	8	102,942	40.8%	10	149,498	59.2%	252,440
		1998	8	121,530	37.7%	11	201,137	62.3%	322,667
		1999	6	126,793	33.6%	10	250,021	66.4%	376,814
		2000	7	182,166	40.4%	14	268,831	59.6%	450,997
		2001	6	197,010	41.3%	12	279,730	58.7%	476,740
		2002	5	131,626	26.0%	13	375,229	74.0%	506,855
		2003	6	140,200	27.9%	13	363,193	72.1%	503,393

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
		2004	5	137,750	31.3%	17	301,814	68.7%	439,564
		2005	6	75,416	19.3%	19	315,903	80.7%	391,319
		2006	5	70,887	24.9%	12	213,235	75.1%	284,122
		2007	4	46,596	17.1%	16	225,791	82.9%	272,387
		2008	3	33,929	10.6%	19	285,414	89.4%	319,343
		2009	4	44,008	13.8%	17	274,916	86.2%	318,924
		2010	3	43,942	14.9%	17	251,165	85.1%	295,107
		2011	3	26,310	12.5%	18	183,465	87.5%	209,775
		2012	4	16,006	10.2%	20	140,802	89.8%	156,808
		2013	2	5,057	4.4%	15	108,752	95.6%	113,809
		2014	2	14,676	17.1%	17	71,046	82.9%	85,722
3B	GT 60 FT.	1995	100	1,365,767	73.5%	38	491,505	26.5	1,857,272
		1996	96	1,172,321	59.1%	49	809,639	40.9	1,981,960
		1997	80	2,102,882	43.0%	76	2,787,389	57	4,890,271
		1998	75	1,984,636	33.3%	84	3,976,476	66.7	5,961,112
		1999	88	2,791,350	37.9%	92	4,569,051	62.1	7,360,401
		2000	84	3,075,463	36.6%	91	5,317,770	63.4%	8,393,233
		2001	81	2,893,468	32.3%	89	6,071,525	67.7%	8,964,993
		2002	87	3,371,207	35.5%	94	6,134,682	64.5%	9,505,889
		2003	91	3,323,390	35.0%	88	6,174,559	65.0%	9,497,949
		2004	89	2,741,460	32.1%	94	5,792,681	67.9%	8,534,141
		2005	85	2,518,513	34.8%	89	4,727,425	65.2%	7,245,938
		2006	89	2,095,897	35.0%	85	3,888,331	65.0%	5,984,228
		2007	86	1,584,438	31.0%	88	3,519,585	69.0%	5,104,023
		2008	90	1,964,621	32.8%	91	4,025,792	67.2%	5,990,413
		2009	87	1,851,123	31.0%	96	4,115,968	69.0%	5,967,091
		2010	80	1,586,168	28.9%	93	3,893,489	71.1%	5,479,657
		2011	85	1,314,340	32.2%	94	2,766,700	67.8%	4,081,040
		2012	83	849,573	30.5%	90	1,933,065	69.5%	2,782,638
		2013	82	790,099	34.4%	88	1,508,700	65.6%	2,298,799
		2014	83	555,541	35.2%	83	1,024,761	64.8%	1,580,302
3B	36-60 FT.	1995	230	916,368	83.3%	26	183,490	16.7	1,099,858
		1996	267	1,064,435	80.8%	32	253,249	19.2	1,317,684
		1997	269	2,426,141	72.1%	50	936,720	27.9	3,362,861
		1998	236	2,760,792	69.4%	50	1,217,978	30.6	3,978,770
		1999	236	3,496,184	69.2%	53	1,555,713	30.8	5,051,897
		2000	241	3,925,784	69.5%	56	1,723,522	30.5%	5,649,306
		2001	227	4,049,917	65.5%	61	2,134,425	34.5%	6,184,342
		2002	226	4,374,192	66.4%	67	2,210,997	33.6%	6,585,189
		2003	217	4,182,570	63.0%	72	2,455,161	37.0%	6,637,731
		2004	203	3,821,580	64.7%	67	2,080,878	35.3%	5,902,458
		2005	199	3,154,638	63.5%	73	1,810,455	36.5%	4,965,093
		2006	191	2,541,392	61.1%	78	1,621,248	38.9%	4,162,640
		2007	197	2,113,674	59.3%	68	1,449,812	40.7%	3,563,486
		2008	197	2,503,433	60.7%	73	1,622,648	39.3%	4,126,081
		2009	190	2,496,000	61.5%	80	1,564,914	38.5%	4,060,914
		2010	188	2,226,996	57.3%	82	1,657,956	42.7%	3,884,952
		2011	188	1,687,348	59.7%	73	1,140,289	40.3%	2,827,637
		2012	177	1,194,563	62.9%	71	703,515	37.1%	1,898,078
		2013	167	915,513	61.1%	66	583,752	38.9%	1,499,265
		2014	168	670,526	63.0%	72	394,118	37.0%	1,064,644

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3B	LE 35 FT.	1995	41	.	.	2	.	.	85,880
		1996	50	.	.	1	.	.	91,558
		1997	49	.	.	2	.	.	248,521
		1998	43	.	.	3	.	.	305,532
		1999	40	.	.	2	.	.	393,728
		2000	43	438,381	98.1%	2	8,707	1.9%	447,088
		2001	35	441,524	96.8%	2	14,545	3.2%	456,069
		2002	39	502,180	96.2%	5	19,664	3.8%	521,844
		2003	41	436,580	87.0%	6	64,952	13.0%	501,532
		2004	35	376,110	82.4%	6	80,251	17.6%	456,361
		2005	37	332,931	84.9%	5	59,018	15.1%	391,949
		2006	37	265,628	82.4%	6	56,557	17.6%	322,185
		2007	40	227,960	82.4%	5	48,858	17.6%	276,818
		2008	40	290,690	89.7%	7	33,332	10.3%	324,022
		2009	39	286,635	93.0%	4	21,709	7.0%	308,344
		2010	34	241,119	82.5%	5	51,102	17.5%	292,221
		2011	42	188,512	83.6%	6	36,968	16.4%	225,480
		2012	39	141,574	92.4%	5	11,573	7.6%	153,147
		2013	36	102,997	84.1%	7	19,526	15.9%	122,523
		2014	31	72,878	84.3%	7	13,580	15.7%	86,458
4A	FREEZER	1995	9	.	.	1	.	.	74,886
		1996	5	36,954	46.6%	6	42,277	53.4%	79,231
		1997	4	51,410	44.1%	6	65,285	55.9%	116,695
		1998	3	.	.	6	.	.	125,713
		1999	4	78,595	41.4%	6	111,219	58.6%	189,814
		2000	5	65,656	34.1%	9	127,057	65.9%	192,713
		2001	5	100,672	50.5%	6	98,735	49.5%	199,407
		2002	5	104,273	46.6%	10	119,582	53.4%	223,855
		2003	3	65,055	30.8%	7	146,049	69.2%	211,104
		2004	2	31,633	22.1%	10	111,759	77.9%	143,392
		2005	3	44,623	30.4%	6	102,161	69.6%	146,784
		2006	3	45,663	31.6%	5	98,719	68.4%	144,382
		2007	3	30,741	27.5%	5	81,121	72.5%	111,862
		2008	2	31,355	24.2%	7	98,277	75.8%	129,632
		2009	2	14,176	15.7%	8	75,932	84.3%	90,108
		2010	3	32,027	31.2%	6	70,568	68.8%	102,595
		2011	1	19,669	23.3%	10	64,685	76.7%	84,354
		2012	2	11,519	23.4%	8	37,619	76.6%	49,138
		2013	1	1,835	3.6%	9	48,785	96.4%	50,620
		2014	2	4,477	11.6%	7	34,244	88.4%	38,721
4A	GT 60 FT.	1995	57	627,660	63.7	24	357,684	36.3	985,344
		1996	56	534,345	52	38	493,370	48	1,027,715
		1997	48	653,878	39.7	41	991,971	60.3	1,645,849
		1998	47	712,913	36.8	49	1,223,746	63.2	1,936,659
		1999	46	882,897	36	49	1,569,586	64	2,452,483
		2000	50	1,062,942	37.0%	45	1,808,891	63.0%	2,871,833
		2001	44	818,846	28.4%	49	2,062,370	71.6%	2,881,216
		2002	50	1,011,162	34.8%	47	1,890,911	65.2%	2,902,073
		2003	46	1,000,886	35.0%	47	1,856,999	65.0%	2,857,885
		2004	45	713,789	36.3%	46	1,250,023	63.7%	1,963,812

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
		2005	48	803,157	41.7%	43	1,124,690	58.3%	1,927,847
		2006	50	746,451	39.5%	42	1,142,530	60.5%	1,888,981
		2007	44	721,838	43.7%	37	931,678	56.3%	1,653,516
		2008	47	671,513	38.7%	42	1,065,792	61.3%	1,737,305
		2009	49	621,085	41.6%	43	871,703	58.4%	1,492,788
		2010	42	517,342	38.4%	42	829,218	61.6%	1,346,560
		2011	46	526,222	38.9%	41	828,126	61.1%	1,354,348
		2012	48	390,856	41.7%	38	546,031	58.3%	936,887
		2013	44	320,742	44.5%	32	400,407	55.5%	721,149
		2014	46	212,093	43.6%	34	274,825	56.4%	486,918
	36-60 FT.	1995	45	269,737	65.3%	13	143,092	34.7%	412,829
		1996	55	371,848	71.7%	14	146,737	28.3%	518,585
		1997	57	479,984	59.8%	21	323,185	40.2%	803,169
		1998	51	569,053	61.3%	16	359,316	38.7%	928,369
		1999	55	795,224	64.9%	17	429,552	35.1%	1,224,776
		2000	60	902,556	62.2%	23	548,346	37.8%	1,450,902
		2001	55	794,872	55.5%	23	636,061	44.5%	1,430,933
		2002	54	836,159	55.9%	27	658,782	44.1%	1,494,941
		2003	53	711,499	48.2%	23	764,857	51.8%	1,476,356
		2004	49	486,666	49.6%	24	495,192	50.4%	981,858
		2005	48	513,286	50.6%	24	502,116	49.4%	1,015,402
		2006	52	526,017	53.4%	23	459,814	46.6%	985,831
		2007	55	500,432	61.6%	20	312,600	38.4%	813,032
		2008	51	536,698	60.7%	22	347,143	39.3%	883,841
		2009	49	446,375	63.1%	19	261,391	36.9%	707,766
		2010	50	403,615	60.7%	19	261,150	39.3%	664,765
		2011	55	423,807	61.4%	21	266,713	38.6%	690,520
		2012	54	288,129	64.1%	17	161,639	35.9%	449,768
		2013	44	207,266	57.7%	18	152,235	42.3%	359,501
		2014	51	159,115	65.2%	15	85,033	34.8%	244,148
	LE 35 FT.	1995	39	97,839	100	0	0	0	97,839
		1996	37	.	.	2	.	.	108,670
		1997	42	.	.	1	.	.	197,015
		1998	36	.	.	1	.	.	209,869
		1999	35	.	.	1	.	.	283,802
		2000	34	342,857	99.1%	1	3,209	0.9%	346,066
		2001	31	310,284	99.4%	1	1,798	0.6%	312,082
		2002	32	318,005	96.1%	2	12,850	3.9%	330,855
		2003	30	311,978	89.1%	4	38,147	10.9%	350,125
		2004	32	194,442	82.7%	4	40,722	17.3%	235,164
		2005	32	214,104	91.5%	2	19,860	8.5%	233,964
		2006	32	222,932	92.7%	3	17,539	7.3%	240,471
		2007	30	185,597	94.2%	2	11,325	5.8%	196,922
		2008	26	181,888	87.4%	3	26,260	12.6%	208,148
		2009	22	142,503	87.0%	3	21,279	13.0%	163,782
		2010	24	133,994	87.5%	3	19,086	12.5%	153,080
		2011	23	136,291	86.9%	4	20,555	13.1%	156,846
		2012	23	136,291	86.9%	4	20,555	13.1%	156,846
		2013	24	95,159	87.9%	3	13,072	12.1%	108,231
		2014	22	50,258	87.7%	3	7,030	12.3%	57,288

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
4B	FREEZER	1995	1	.	.	3	.	.	45,513
		1996	0	0	0	8	109,335	100	109,335
		1997	1	.	.	7	.	.	158,783
		1998	1	.	.	4	.	.	70,304
		1999	2	.	.	4	.	.	198,734
		2000	1	20,577	8.8%	6	214,586	91.2%	235,163
		2001	1	20,329	9.3%	6	198,333	90.7%	218,662
		2002	1	17,311	8.2%	6	194,841	91.8%	212,152
		2003	1	16,729	8.8%	6	173,418	91.2%	190,147
		2004	0	0	0.0%	6	136,232	100.0%	136,232
		2005	1	7,126	7.6%	5	86,356	92.4%	93,482
		2006	0	0	0.0%	5	66,737	100.0%	66,737
		2007	0	0	0.0%	3	55,248	100.0%	55,248
		2008	0	0	0.0%	5	85,489	100.0%	85,489
		2009	0	0	0.0%	7	90,198	100.0%	90,198
		2010	0	0	0.0%	11	87,387	100.0%	87,387
		2011	0	0	0	8	106,955	100.0%	106,955
		2012	0	0	0	6	77,305	100.0%	77,305
		2013	0	0	0	6	72,829	100.0%	72,829
		2014	0	0	0	7	50,702	100.0%	50,702
	GT 60 FT.	1995	34	889,961	84.1%	12	168,648	15.9%	1,058,609
		1996	31	744,645	56.8%	23	566,277	43.2%	1,310,922
		1997	29	782,500	40.3%	27	1,157,918	59.7%	1,940,418
		1998	22	626,022	36.5%	27	1,089,437	63.5%	1,715,459
		1999	27	768,201	34.4%	28	1,464,971	65.6%	2,233,172
		2000	30	948,190	33.6%	29	1,870,015	66.4%	2,818,205
		2001	32	1,073,413	39.3%	35	1,658,141	60.7%	2,731,554
		2002	30	795,430	31.4%	32	1,737,964	68.6%	2,533,394
		2003	31	765,198	33.3%	32	1,534,562	66.7%	2,299,760
		2004	31	694,491	40.0%	27	1,042,980	60.0%	1,737,471
		2005	28	434,644	33.5%	22	862,827	66.5%	1,297,471
		2006	24	353,537	35.8%	24	635,274	64.2%	988,811
		2007	29	317,332	36.4%	23	554,178	63.6%	871,510
		2008	30	420,734	38.7%	20	665,660	61.3%	1,086,394
		2009	26	365,887	37.8%	19	601,961	62.2%	967,848
		2010	25	408,254	36.4%	22	712,270	63.6%	1,120,524
		2011	26	443,329	35.8%	27	793,338	64.2%	1,236,667
		2012	25	408,154	37.6%	26	676,182	62.4%	1,084,336
		2013	24	291,315	38.5%	23	465,044	61.5%	756,359
		2014	25	274,595	40.2%	19	407,860	59.8%	682,455
	36-60 FT.	1995	8	.	.	2	.	.	142,305
		1996	9	146,309	64.8	6	79,366	35.2%	225,675
		1997	12	197,189	41.9	9	273,437	58.1%	470,626
		1998	11	165,987	58.6	5	117,483	41.4%	283,470
		1999	14	167,805	49.1	8	174,070	50.9%	341,875
		2000	13	240,132	45.3%	7	290,396	54.7%	530,528
		2001	14	206,171	40.1%	10	307,346	59.9%	513,517
		2002	16	157,470	35.8%	12	282,440	64.2%	439,910
		2003	16	152,431	32.4%	10	318,556	67.6%	470,987
		2004	14	72,286	25.5%	11	211,498	74.5%	283,784

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		2005	14	59,372	30.7%	9	134,233	69.3%	193,605
		2006	13	50,276	30.5%	8	114,569	69.5%	164,845
		2007	14	54,960	38.7%	7	87,133	61.3%	142,093
		2008	15	81,131	45.3%	5	98,107	54.7%	179,238
		2009	11	62,069	35.6%	9	112,104	64.4%	174,173
		2010	8	34,212	19.1%	9	144,896	80.9%	179,108
		2011	8	46,747	19.3%	9	195,852	80.7%	242,599
		2012	11	83,848	43.3%	8	109,697	56.7%	193,545
		2013	11	62,547	44.2%	9	78,851	55.8%	141,398
		2014	11	74,429	64.0%	6	41,780	36.0%	116,209
	LE 35 FT.	1995	1	.	.	0	.	.	896
		1997	5	5,161	100	0	0	0.0%	5,161
		1998	2	.	.	0	.	0.0%	2,646
		1999						0.0%	
		2000	5	42,858	100.0%	1	0	0.0%	42,858
		2001	4	53,925	100.0%	1	0	0.0%	53,925
		2002	2	27,733	100.0%	1	0	0.0%	27,733
		2003	4	44,640	100.0%		0	0.0%	44,640
		2004	2	11,993	100.0%		0	0.0%	11,993
		2005	2	11,124	100.0%		0	0.0%	11,124
		2006	1	440	100.0%		0	0.0%	440
		2007	8	19,592	100.0%	5	0	0.0%	19,592
		2008	3	6,007	100.0%	5	0	0.0%	6,007
		2009			0.0%	5	0	0.0%	0
		2010	3	7,733	100.0%		0	0.0%	7,733
		2011	4	9,303	100.0%		0	0.0%	9,303
		2012	6	15,222	100.0%	0	0	0.0%	15,222
		2013	7	16,359	100.0%	0	0	0.0%	16,359
		2014	6	14,861	100.0%	0	0	0.0%	14,861
4C	Freezer	2000	1	5,350	100.0%	0	0	0	5,350
		2001	1	2,947	100.0%	1	0	0	2,947
		2003	0	0	0.0%	1	0	0	0
		2004	0	0	0.0%	1	0	0	0
		2009	1	741	100.0%	1	0	0	741
		2010	1	4,200					
		2011	0	0	0	0		0	0
		2013	0	0	0	0	0	0	0
		2014	1	1,603	100.0%	0	0	0	1,603
4C	GT 60 FT.	1995	7	.	.	3	.	.	131,229
		1996	9	84,928	55.1%	8	69,297	44.9%	154,225
		1997	9	101,390	47.0%	10	114,474	53.0%	215,864
		1998	5	35,156	13.8%	9	219,457	86.2%	254,613
		1999	9	179,707	46.2%	9	209,400	53.8%	389,107
		2000	10	146,240	41.9%	9	202,945	58.1%	349,185
		2001	8	67,234	18.9%	10	289,234	81.1%	356,468
		2002	9	69,477	26.3%	10	194,467	73.7%	263,944
		2003	13	83,145	33.5%	7	164,989	66.5%	248,134
		2004	11	111,189	40.9%	11	160,435	59.1%	271,624
		2005	3	16,858	23.5%	3	54,748	76.5%	71,606

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c		2006	1	7,112	100.0%	0	0	0.0%	7,112
		2007	0	0	0.0%	1	23,444	100.0%	23,444
		2008	2	10,029	59.7%	2	6,773	40.3%	16,802
		2009	1	6,104	100.0%	0	0	0.0%	6,104
		2010	1	2,822	12.9%	1	19,019	87.1%	21,841
		2011	3	10,216	14.4%	4	60,894	85.6%	71,110
		2012	2	4,163	20.7%	2	15,935	79.3%	20,098
		2013	5	11,490	78.4%	2	3,160	21.6%	14,650
		2014	1	2,643	100.0%	0	0	0.0%	2,643
	36-60 FT.	1995	8	.	.	2	.	.	77,125
		1996	5	.	.	3	.	.	67,923
		1997	6	73,407	68.4%	6	33,966	31.6%	107,373
		1998	6	62,729	55.6%	5	50,081	44.4%	112,810
		1999	6	.	0.0%	3	.	.	182,969
		2000	4	77,912	42.9%	4	103,791	57.1%	181,703
		2001	4	76,568	38.0%	5	124,756	62.0%	201,324
		2002	4	64,134	41.0%	4	92,454	59.0%	156,588
		2003	4	68,743	42.9%	5	91,313	57.1%	160,056
		2004	3	51,612	31.3%	6	113,335	68.7%	164,947
		2005		0	0.0%	0	0	0.0%	0
		2006	1	3,896	67.6%	1	1,867	32.4%	5,763
		2007	1	7,814	100.0%	0		0.0%	7,814
		2008	1	7,242	30.0%	3	16,921	70.0%	24,163
		2009	0	0	0.0%	1	22,411	100.0%	22,411
		2010							
		2011	1	5,623	38.2%	2	9,112	61.8%	14,735
		2012	2	9,474	48.4%	1	10,116	51.6%	19,590
		2013	1	1,317	59.6%	1	893	40.4%	2,210
		2014	3	4,116	35.3%	1	7,530	64.7%	11,646
d	LE 35 FT.	1995	17	91,288	100.0%	0	0	0	91,288
		1996	19	74,291	100.0%	0	0	0	74,291
		1997	23	181,331	100.0%	0	0	0	181,331
		1998	13	0	0	1	0	0	105,697
		1999	17	0	0	1	0	0	195,418
		2000	14	187,891	96.3%	2	7,229	3.7%	195,120
		2001	14	164,076	100.0%	0	0	0.0%	164,076
		2002	6	46,314	72.0%	2	17,969	28.0%	64,283
		2003	5	16,745	100.0%	0	0	0.0%	16,745
		2004	6	41,703	100.0%	0	0	0.0%	41,703
		2005	5	6,381	94.5%	1	374	5.5%	6,755
		2006	8	111,619	100.0%	0	0	0.0%	111,619
		2007	5	75,672	100.0%	0	0	0.0%	75,672
		2008	4	11,457	100.0%	0	0	0.0%	11,457
		2009	5	24,104	100.0%	0	0	0.0%	24,104
		2010	6	80,297	100.0%	0	0	0.0%	80,297
		2011	6	13,621	71.8%	1	5,342	28.2%	18,963
		2012	9	42,363	100.0%	0	0	0.0%	42,363
		2013	15	80,403	92.9%	1	6,125	7.1%	86,528
		2014	16	92,866	100.0%	0	0	0.0%	92,866

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4D	FREEZER	1995	1	0	0	1	.	.	27,142
		1996	0	0	0	2	.	.	35,466
		1997	0	0	0	4	56,718	100	56,718
		1998	0	0	0	2	.	.	47,147
		1999	0	0	0	3	.	.	107,555
		2000	0	0	0.0%	5	128,737	100.0%	128,737
		2001	0	0	0.0%	5	113,262	100.0%	113,262
		2002	0	0	0.0%	4	105,142	100.0%	105,142
		2003	0	0	0.0%	5	128,785	100.0%	128,785
		2004	0	0	0.0%	5	97,984	100.0%	97,984
		2005	0	0	0.0%	4	103,131	100.0%	103,131
		2006	0	0	0.0%	4	95,354	100.0%	95,354
		2007	0	0	0.0%	6	110,840	100.0%	110,840
		2008	0	0	0.0%	5	100,894	100.0%	100,894
		2009	1	3,361	4.4%	5	72,960	95.6%	76,321
		2010			0.0%	5	71,119	100.0%	71,119
		2011	1	3,590	3.9%	4	88,936	96.1%	92,526
		2012	0	0	0.0%	3	59,200	100.0%	59,200
		2013	0	0	0.0%	5	50,397	100.0%	50,397
		2014	0	0	0.0%	4	37,713	100.0%	37,713
	GT 60 FT.	1995	17	272,451	71.7%	6	107,712	28.3%	380,163
		1996	18	213,344	50.3%	16	210,680	49.7%	424,024
		1997	13	230,420	35.7%	19	414,873	64.3%	645,293
		1998	10	280,109	37.2%	13	472,992	62.8%	753,101
		1999	15	531,431	46.7%	18	606,070	53.3%	1,137,501
		2000	17	443,503	38.6%	17	706,777	61.4%	1,150,280
		2001	12	332,515	28.6%	20	828,516	71.4%	1,161,031
		2002	15	336,727	29.2%	20	815,673	70.8%	1,152,400
		2003	17	461,782	39.2%	16	714,742	60.8%	1,176,524
		2004	18	440,347	44.4%	18	551,590	55.6%	991,937
		2005	19	413,642	32.3%	22	866,569	67.7%	1,280,211
		2006	21	398,321	33.4%	21	792,688	66.6%	1,191,009
		2007	21	387,123	28.2%	23	984,730	71.8%	1,371,853
		2008	20	407,748	29.9%	22	954,971	70.1%	1,362,719
		2009	22	336,447	28.8%	20	830,950	71.2%	1,167,397
		2010	22	385,102	33.0%	22	780,754	67.0%	1,165,856
		2011	20	395,776	33.1%	20	799,336	66.9%	1,195,112
		2012	20	294,324	37.7%	20	487,120	62.3%	781,444
		2013	16	276,024	43.4%	17	359,753	56.6%	635,777
		2014	20	196,600	42.5%	17	266,459	57.5%	463,059
	36-60 FT.	1995	2	.	.	3	.	.	23,510
		1996	0	0	0	5	27,650	100	27,650
		1997	0	0	0	7	54,969	100	54,969
		1998	0	.	.	3	.	.	42,564
		1999	2	.	.	3	.	.	59,656
		2000	5	73,094	73.8%	3	25,927	26.2%	99,021
		2001	3	31,376	33.2%	4	63,206	66.8%	94,582
		2002	5	84,145	81.9%	2	18,566	18.1%	102,711
		2003	5	68,582	59.3%	3	47,137	40.7%	115,719
		2004	6	76,383	68.1%	3	35,848	31.9%	112,231
		2005	8	112,263	42.7%	6	150,457	57.3%	262,720
		2006	9	103,409	43.4%	6	135,098	56.6%	238,507

AREA	VESSEL CATEGORY	YEAR	QS OWNERS WITH LANDINGS	HARVEST BY QS OWNERS	OWNER HARVEST % OF TOTAL	HIRED SKIPPER WITH LANDINGS	HARVEST BY HIRED SKIPPER	SKIPPER HARVEST % OF TOTAL	TOTAL HARVEST
4D Cont.		2007	8	115,826	41.3%	5	164,368	58.7%	280,194
		2008	10	124,455	43.7%	5	160,138	56.3%	284,593
		2009	11	131,120	57.3%	5	97,720	42.7%	228,840
		2010	10	164,576	61.9%	3	101,152	38.1%	265,728
		2011	8	142,509	60.7%	6	92,369	39.3%	234,878
		2012	8	84,205	54.7%	6	69,803	45.3%	154,008
		2013	5	49,226	42.7%	6	66,182	57.3%	115,408
		2014	8	35,770	54.7%	3	29,589	45.3%	65,359
	LE 35 FT.	2006	1	5,984	29.9%	0	14,000	70.1%	19,984
		2007	5	102,908	83.3%	1	20,581	16.7%	123,489
		2008	16	292,225	94.8%	2	15,892	5.2%	308,117
		2009	12	195,858	91.1%	3	19,090	8.9%	214,948
		2010	11	170,188	92.5%	1	13,742	7.5%	183,930
		2011	17	206,707	97.3%	1	5,761	2.7%	212,468
		2012	13	124,587	95.6%	1	5,761	4.4%	130,348
		2013	2	4,774	39.2%	1	7,411	60.8%	12,185
		2014	6	13,336	1	0	0	0	13,336

Note: C indicates confidential data

13. Halibut: Overharvest and Underharvest of IFQs and TACs

13.1 TACs and Harvests: 1990 to 2014

Table 13-1 provides comparison of actual harvests in each management area with the total allowable catch (TAC) for each year from 1990 through 2014. It shows the difference, in pounds, between the harvest and TAC and the percent of the TAC harvested.

The 1990 through 1994 harvest data are based on halibut fish tickets. The 1995 through 2014 data come from the NMFS-RAM IFQ catch database. Harvest data in the table include commercial catch in the IFQ fishery and exclude catches made for CDQs.

The TACs in Table 13-1 are the total allowable catches for only the commercial IFQ harvest. They do not include the portion of the TACs that were set aside for CDQs in Areas 4B, 4C, 4D, and 4E. No harvests are shown for Area 4E from 1995 to 2014 because the entire TAC in this area is allocated to CDQ. The harvest data in Table 13-1 also do not include portions of the harvest that were retained by fishermen after the harvest was delivered and reported.

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Prior to implementation of the IFQ program, “overages,” or catches that exceeded the TAC, were common. However, harvests in the IFQ fishery from 1995 to 1998 fell below the IFQ TAC in all areas. The underharvest decreased from 1995 to 2008 in all areas except Area 4C. In 2005 new regulations allowed harvest of 4C allocation in either 4C or 4D. For this reason these areas are put in one table

The percentage of the TAC that was harvested in the IFQ fishery ranged from 51.4% of the TAC in Area 4E in 1992 to 99.4% in Area 3B in 2014.

TABLE 13-1. COMPARISON OF HALIBUT TACS AND HARVEST BY MANAGEMENT AREA, 1990 TO 2014

AREA	YEAR	TOTAL ALLOWABLE CATCH (TAC)	TOTAL AREA HARVEST	DIFFERENCE TAC (-) HARVEST	PERCENT OF TAC HARVESTED
2C	1990	9,500,000	9,705,514	-205,514	102.2%
	1991	7,400,000	8,686,934	-1,286,934	117.4%
	1992	10,000,000	9,816,892	183,108	98.2%
	1993	10,000,000	11,289,516	-1,289,516	112.9%

⁶²Under the NMFS IFQ catch reporting system, the entire harvest is required to be offloaded and weighed during the first delivery. If a portion of the catch is “retained” by the IFQ permit holder, it is entered on the catch reporting system as “retained catch.” Catch may be retained for personal use, or it may be retained to sell to another processor or customer. The subsequent sale of retained catch does not result in an additional entry on the NMFS catch reporting system; i.e., the harvest is only recorded once. Nevertheless, the system does not allow a precise breakout of catch that is sold versus catch that is kept for personal use. It is likely that some of the retained catch is subsequently sold and should be included with the commercial harvest.

AREA	YEAR	TOTAL ALLOWABLE CATCH (TAC)	TOTAL AREA HARVEST	DIFFERENCE TAC (-) HARVEST	PERCENT OF TAC HARVESTED
	1994	11,000,000	10,378,542	621,458	94.4%
	1995	9,000,000	7,708,414	1,291,586	85.6%
	1996	9,000,000	8,424,418	575,582	93.6%
	1997	10,000,000	9,557,265	442,735	95.6%
	1998	10,500,000	9,528,878	971,122	90.8%
	1999	10,490,000	9,896,079	593,921	94.3%
	2000	8,400,000	8,191,769	208,231	97.5%
	2001	8,780,000	8,170,172	609,828	93.1%
	2002	8,500,000	8,432,413	67,587	99.2%
	2003	8,500,000	8,242,583	257,417	97.0%
	2004	10,500,000	10,088,931	411,069	96.1%
	2005	10,930,000	10,459,446	470,554	95.7%
	2006	10,630,000	10,339,799	290,201	97.3%
	2007	8,510,000	8,304,159	205,841	97.6%
	2008	6,210,000	6,106,851	103,149	98.3%
	2009	5,020,000	4,832,092	187,908	96.3%
	2010	4,400,000	4,350,002	49,998	98.9%
	2011	2,028,000	1,847,773	180,227	91.1%
	2012	2,624,000	2,527,243	96,757	96.3%
	2013	2,970,000	2,861,611	108,389	96.4%
	2014	3,318,720	3,215,413	103,307	96.9%
3A	1990	31,000,000	28,844,296	2,155,704	93.0%
	1991	26,600,000	22,926,430	3,673,570	86.2%
	1992	26,600,000	26,781,876	-181,876	100.7%
	1993	20,700,000	22,737,512	-2,037,512	109.8%
	1994	26,000,000	24,843,824	1,156,176	95.6%
	1995	20,000,000	17,747,126	2,252,874	88.7%
	1996	20,000,000	19,305,362	694,638	96.5%
	1997	25,000,000	24,185,163	814,837	96.7%
	1998	26,000,000	24,519,052	1,480,948	94.3%
	1999	24,670,000	24,310,879	359,121	98.5%
	2000	18,310,000	18,066,096	243,904	98.7%
	2001	21,890,000	21,071,467	818,533	96.3%
	2002	22,630,000	22,560,168	69,832	99.7%
	2003	22,630,000	22,281,887	348,113	98.5%
	2004	25,060,000	24,601,516	458,484	98.2%
	2005	25,470,000	25,053,063	416,937	98.4%
	2006	25,200,000	24,953,482	246,518	99.0%
	2007	26,200,000	25,957,340	242,660	99.1%
	2008	24,220,000	24,020,377	199,623	99.2%

AREA	YEAR	TOTAL ALLOWABLE CATCH (TAC)	TOTAL AREA HARVEST	DIFFERENCE TAC (-) HARVEST	PERCENT OF TAC HARVESTED
	2009	21,700,000	21,354,893	345,107	98.4%
	2010	19,990,000	20,092,309	-102,309	100.5%
	2011	14,360,000	14,268,031	91,969	99.4%
	2012	11,918,000	11,688,285	229,715	98.1%
	2013	11,030,000	10,824,454	205,546	98.1%
	2014	7,317,730	7,353,833	-36,103	100.5%
3B	1990	8,500,000	8,694,295	-194,295	102.3%
	1991	8,800,000	11,934,312	-3,134,312	135.6%
	1992	8,800,000	8,622,283	177,717	98.0%
	1993	6,500,000	7,855,357	-1,355,357	120.9%
	1994	4,000,000	3,860,240	139,760	96.5%
	1995	3,700,000	3,147,300	552,700	85.1%
	1996	3,700,000	3,493,223	206,777	94.4%
	1997	9,000,000	8,754,093	245,907	97.3%
	1998	11,000,000	10,568,081	431,919	96.1%
	1999	13,370,000	13,217,473	152,527	98.9%
	2000	15,030,000	14,940,624	89,376	99.4%
	2001	16,530,000	16,082,144	447,856	97.3%
	2002	17,130,000	17,119,777	10,223	99.9%
	2003	17,130,000	17,140,605	-10,605	100.1%
	2004	15,600,000	15,334,232	265,768	98.3%
	2005	13,150,000	13,003,916	146,084	98.9%
	2006	10,860,000	10,796,623	63,377	99.4%
	2007	9,220,000	9,216,714	3,286	100.0%
	2008	10,900,000	10,761,659	138,341	98.7%
	2009	10,900,000	10,662,931	237,069	97.8%
	2010	9,900,000	9,965,054	-65,054	100.7%
	2011	7,510,000	7,336,170	173,830	97.7%
	2012	5,070,000	4,990,671	79,329	98.4%
	2013	4,290,000	4,034,396	255,604	94.0%
	2014	2,840,000	2,823,737	16,263	99.4%
4A	1990	1,800,000	2,503,281	-703,281	139.1%
	1991	1,700,000	2,254,990	-554,990	132.6%
	1992	2,300,000	2,699,027	-399,027	117.3%
	1993	2,020,000	2,560,741	-540,741	126.8%
	1994	1,800,000	1,803,462	-3,462	100.2%
	1995	1,950,000	1,570,898	379,102	80.6%
	1996	1,950,000	1,734,201	215,799	88.9%
	1997	2,940,000	2,762,728	177,272	94.0%
	1998	3,500,000	3,200,610	299,390	91.4%

AREA	YEAR	TOTAL ALLOWABLE CATCH (TAC)	TOTAL AREA HARVEST	DIFFERENCE TAC (-) HARVEST	PERCENT OF TAC HARVESTED
	1999	4,240,000	4,165,215	74,785	98.2%
	2000	4,970,000	4,861,514	108,486	97.8%
	2001	4,970,000	4,823,638	146,362	97.1%
	2002	4,970,000	4,951,724	18,276	99.6%
	2003	4,970,000	4,895,472	74,528	98.5%
	2004	3,470,000	3,392,035	77,965	97.8%
	2005	3,440,000	3,323,997	116,003	96.6%
	2006	3,350,000	3,260,395	89,605	97.3%
	2007	2,890,000	2,775,332	114,668	96.0%
	2008	3,100,000	2,962,290	137,710	95.6%
	2009	2,550,000	2,454,444	95,556	96.3%
	2010	2,330,000	2,267,000	63,000	97.3%
	2011	2,410,000	2,286,068	123,932	94.9%
	2012	1,567,000	1,544,024	22,976	98.5%
	2013	1,330,000	1,206,747	123,253	90.7%
	2014	850,000	827,075	22,925	97.3%
4B	1990	1,900,000	1,332,988	567,012	70.2%
	1991	1,700,000	1,513,422	186,578	89.0%
	1992	2,300,000	2,317,361	-17,361	100.8%
	1993	2,300,000	1,962,364	337,636	85.3%
	1994	2,100,000	2,017,108	82,892	96.1%
	1995	1,848,000	1,247,323	600,677	67.5%
	1996	1,848,000	1,645,932	202,068	89.1%
	1997	2,784,000	2,574,988	209,012	92.5%
	1998	2,800,000	2,071,879	728,121	74.0%
	1999	3,184,000	2,776,569	407,431	87.2%
	2000	3,928,000	3,626,754	301,246	92.3%
	2001	3,928,000	3,517,658	410,342	89.6%
	2002	3,344,000	3,213,189	130,811	96.1%
	2003	3,344,000	3,005,534	338,466	89.9%
	2004	2,248,000	2,169,480	78,520	96.5%
	2005	1,808,000	1,595,682	212,318	88.3%
	2006	1,336,000	1,220,833	115,167	91.4%
	2007	1,152,000	1,088,443	63,557	94.5%
	2008	1,488,000	1,357,128	130,872	91.2%
	2009	1,496,000	1,232,219	263,781	82.4%
	2010	1,728,000	1,394,752	333,248	80.7%
	2011	1,744,000	1,595,524	148,476	91.5%
	2012	1,495,200	1,370,408	124,792	91.7%
	2013	1,160,000	986,945	173,055	85.1%

AREA	YEAR	TOTAL ALLOWABLE CATCH (TAC)	TOTAL AREA HARVEST	DIFFERENCE TAC (-) HARVEST	PERCENT OF TAC HARVESTED
	2014	912,000	864,227	47,773	94.8%
4C/4D	1990	1,200,000	1,534,772	-334,772	127.9%
	1991	1,200,000	2,114,626	-914,626	176.2%
	1992	1,600,000	1,520,348	79,652	95.0%
	1993	1,600,000	1,667,178	-67,178	104.2%
	1994	1,400,000	1,425,783	-25,783	101.8%
	1995	924,000	730,457	193,543	79.1%
	1996	924,000	783,579	140,421	84.8%
	1997	1,392,000	1,261,548	130,452	90.6%
	1998	1,908,000	1,315,932	592,068	69.0%
	1999	2,436,000	2,070,314	365,686	85.0%
	2000	2,436,000	2,109,396	326,604	86.6%
	2001	2,436,000	2,093,690	342,310	85.9%
	2002	2,436,000	1,845,068	590,932	75.7%
	2003	2,436,000	1,845,963	590,037	75.8%
	2004	2,064,000	1,680,426	383,574	81.4%
	2005	2,178,000	1,756,825	421,175	80.7%
	2006	1,932,000	1,655,248	276,752	85.7%
	2007	2,239,800	1,879,795	360,005	83.9%
	2008	2,122,800	2,113,434	9,366	99.6%
	2009	1,882,800	1,690,400	192,400	89.8%
	2010	1,950,000	1,809,616	140,384	92.8%
	2011	2,028,000	1,847,773	180,227	91.1%
	2012	1,328,827	1,207,051	121,776	90.8%
	2013	1030800	917155	113,645	89.0%
	2014	715920	688225	27,695	96.1%
4e	1990	100,000	60,355	39,645	60.4%
	1991	100,000	104,297	-4,297	104.3%
	1992	130,000	66,818	63,182	51.4%
	1993	120,000	64,235	55,765	53.5%
	1994	100,000	120,226	-20,226	120.2%

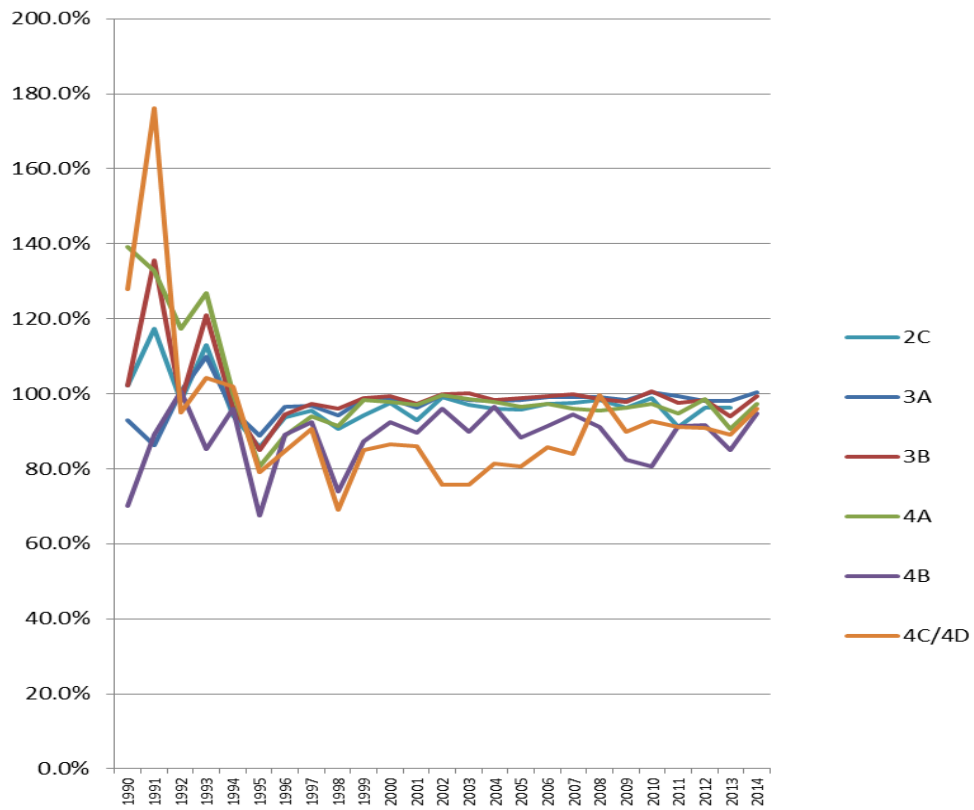


Figure 4. Percent of halibut TAC harvested by area

14. Halibut: Consolidation of Permit holders on Fishing Operations

Table 14-1 provides data on halibut harvest and participation by persons and vessels in each management area from 1990 through 2014. The table shows the annual harvest, the number of unique persons and vessels with landings, the number of landing days by persons and vessels, the average number of pounds landed per person and vessel, and the ratio of the number of persons with landings to the number of vessels with landings.

The 1990 through 1994 harvest data are pre-IFQ Program and are based on halibut fish tickets. The counts of persons reflect CFEC permit holders who recorded landings. The 1995 through 2014 data come from NMFS-RAM databases. The number of persons in those years represent unique persons with IFQ identifiers who recorded landings. These persons may be QS owners, hired skippers, or persons leasing QS.

Harvest data in the table exclude catches made for CDQs. Note that no harvests are shown for Area 4E after 1994 because the entire TAC in that area has been allocated to the CDQ Program.

Annual harvests depend primarily upon the total allowable catch (TAC), which is set annually by the IPHC. Table 14-1 indicates that harvests over the 1990-2014 period were relatively high in most areas in the early 1990's but declined in 1995, when catches in six of the seven areas were the lowest over the time period. Since 1995, TACs and corresponding harvests have generally risen until 2006 when the TAC decreased steadily till 2014.

After the IFQ fisheries commenced in 1995, the number of persons and vessels with landings either rose or fell from the 1990-1994 averages, depending upon the area. In Areas 2C, 3A, and 4C the number of persons and vessels with landings fell substantially, but in Areas 3B, 4A, 4B, and 4D there has not been a pronounced change in either direction. Consolidation of QS among fewer holders contributes to a decrease in the number of persons and vessels with landings.

Person landing-days are calculated by summing the number of days with landings for each person. Vessel landing-days are calculated in a similar fashion. Larger harvests appear to be correlated with high numbers of person and vessel landing-days in some areas, particularly Areas 3B and 4C, but in other areas there appears to be no clear relationship between harvests and landing-days.

Before the IFQ program began in 1995, it was not uncommon for more than one CFEC permit holder to make landings off one vessel in the halibut fishery. After the IFQ fisheries were implemented, two or more IFQ permit holders might join together to fish their IFQ off one vessel. Table 14-1 indicates that in 2C, 3A, and 3B the ratio of the number of unique persons with landings to the number of unique vessels has risen

substantially over the 1990-1994 average, which provides some evidence that the practice of multiple persons recording landings off a single vessel has increased since inception of the program in parts of Alaska.

TABLE 14-1. SUMMARY OF 1990-2014 HALIBUT HARVESTS AND PARTICIPATION

AREA	YEAR	TOTAL HARVEST (POUNDS)	PERSONS WITH LANDINGS	VESSELS WITH LANDINGS	VESSEL LANDING DAYS	POUNDS PER PERSON	POUNDS PER VESSEL	PERSONS PER VESSEL
2C	1990	9,705,514	1,525	1,489	2,605	6,364	6,518	1.02
	1991	8,686,934	1,831	1,805	2,927	4,744	4,813	1.01
	1992	9,816,892	1,786	1,775	3,255	5,497	5,531	1.01
	1993	11,289,516	1,563	1,562	2,575	7,223	7,228	1.00
	1994	10,378,542	1,468	1,461	2,373	7,070	7,104	1.00
	1995	7,787,475	1,319	1,105	3,077	5,844	7,047	1.19
	1996	8,533,743	1,321	1,024	3,326	6,377	8,334	1.29
	1997	9,637,918	1,275	989	3,617	7,496	9,745	1.29
	1998	9,528,878	1,116	826	3,326	8,538	11,536	1.35
	1999	9,896,079	1,107	826	3,383	8,859	11,981	1.34
	2000	8,191,769	1,142	864	3,087	7,173	9,481	1.32
	2001	8,170,172	1,076	790	2,792	7,593	10,342	1.36
	2002	8,432,413	1,114	784	2,827	7,569	10,756	1.42
	2003	8,242,583	1,110	789	2,844	7,426	10,447	1.41
	2004	10,088,931	1,101	749	2,875	9,163	13,470	1.47
	2005	10,459,446	1,064	745	3,039	9,830	14,040	1.43
	2006	10,339,799	1,069	749	3,213	9,672	13,805	1.43
	2007	8,304,159	1,051	731	2,760	7,901	11,360	1.44
	2008	6,106,851	987	695	2,223	6,187	8,787	1.42
	2009	4,832,092	931	646	1,779	5,190	7,480	1.44
	2010	4,350,002	937	659	1,880	4,642	6,601	1.42
	2011	2,292,926	901	629	1,381	2,545	3,645	1.43
	2012	2,527,243	879	609	1,305	2,875	4,150	1.44
	2013	2,861,611	873	598	1,338	3,278	4,785	1.46
	2014	3,215,399	849	582	1,376	3,787	5,525	1.46
3A	1990	28,844,296	2,457	682	4,349	11,740	42,294	3.60
	1991	22,926,430	2,306	2,231	3,393	9,942	10,276	1.03
	1992	26,781,876	1,985	1,924	3,263	13,492	13,920	1.03
	1993	22,737,512	1,554	1,529	2,292	14,632	14,871	1.02
	1994	24,843,824	1,735	1,712	2,693	14,319	14,512	1.01
	1995	17,978,081	1,537	1,145	2,971	11,547	15,701	1.34
	1996	19,365,600	1,553	1,101	2,952	12,431	17,589	1.41
	1997	24,276,533	1,501	1,072	3,274	16,113	22,646	1.40
	1998	24,519,052	1,314	891	2,838	18,660	27,519	1.47
	1999	24,310,879	1,309	890	3,013	18,506	27,316	1.47
	2000	18,066,096	1,400	992	2,756	12,904	18,212	1.41
	2001	21,071,467	1,358	958	2,778	15,517	21,995	1.42
	2002	22,560,168	1,383	904	2,761	16,312	24,956	1.53
	2003	22,281,887	1,362	867	2,784	16,360	25,700	1.57
	2004	24,601,516	1,332	870	2,846	18,470	28,278	1.53
	2005	25,053,063	1,326	838	2,912	18,894	29,896	1.58
	2006	24,953,482	1,325	818	2,945	18,833	30,505	1.62
	2007	25,957,340	1,311	805	3,013	19,800	32,245	1.63
	2008	24,020,377	1,293	783	2,806	18,577	30,677	1.65
	2009	21,354,893	1,254	752	2,566	17,029	28,397	1.67

AREA	YEAR	TOTAL HARVEST (POUNDS)	PERSONS WITH LANDINGS	VESSELS WITH LANDINGS	VESSEL LANDING DAYS	POUNDS PER PERSON	POUNDS PER VESSEL	PERSONS PER VESSEL
3A Cont.	2010	20,092,309	1,234	723	2,529	16,282	27,790	1.71
	2011	14,268,030	1,209	742	2,187	11,802	19,229	1.63
	2012	11,688,285	1,175	710	2,099	9,947	16,462	1.65
	2013	10,824,476	1,093	680	2,045	9,903	15,918	1.61
	2014	7,353,550	1,075	647	1,759	6,841	11,366	1.66
3B	1990	8,694,295	406	383	537	21,415	22,701	1.06
	1991	11,934,312	624	602	874	19,126	19,824	1.04
	1992	8,622,283	485	478	642	17,778	18,038	1.01
	1993	7,855,357	406	401	535	19,348	19,589	1.01
	1994	3,860,240	328	320	499	11,769	12,063	1.03
	1995	3,171,869	436	332	508	7,219	9,554	1.31
	1996	3,502,377	467	349	498	7,480	10,035	1.34
	1997	8,776,039	479	355	724	18,276	24,721	1.35
	1998	10,568,081	438	325	700	24,128	32,517	1.35
	1999	13,217,473	458	322	767	28,783	41,048	1.42
	2000	14,940,624	517	406	925	28,899	36,800	1.27
	2001	16,082,144	486	388	978	33,091	41,449	1.25
	2002	17,119,777	507	387	1,050	33,767	44,237	1.31
	2003	17,140,605	503	401	1,085	34,077	42,745	1.25
	2004	15,334,232	485	380	980	31,617	40,353	1.28
	2005	13,003,916	480	386	949	27,091	33,689	1.24
	2006	10,796,623	470	367	864	22,972	29,419	1.28
	2007	9,216,714	471	375	841	19,568	24,578	1.26
	2008	10,761,659	487	376	926	22,098	28,621	1.30
	2009	10,662,931	480	368	898	22,214	28,975	1.30
	2010	9,965,054	464	372	978	21,476	26,788	1.25
	2011	7,343,932	469	373	874	15,659	19,689	1.26
	2012	4,990,671	453	359	757	11,017	13,902	1.26
	2013	4,034,396	423	320	654	9,538	12,607	1.32
	2014	2,823,737	422	326	579	6,691	8,662	1.29
4A	1990	2,503,281	155	153	188	16,150	16,361	1.01
	1991	2,254,990	237	237	257	9,515	9,515	1.00
	1992	2,699,027	197	190	326	13,701	14,205	1.04
	1993	2,560,741	166	165	196	15,426	15,520	1.01
	1994	1,803,462	178	176	229	10,132	10,247	1.01
	1995	1,583,669	180	140	228	8,727	11,312	1.29
	1996	1,735,509	192	147	243	9,032	11,806	1.31
	1997	2,785,249	185	141	279	14,934	19,754	1.31
	1998	3,200,610	166	120	217	19,281	26,672	1.38
	1999	4,165,215	172	120	298	24,133	34,710	1.43
	2000	4,861,514	216	168	421	22,507	28,938	1.29
	2001	4,823,638	203	159	426	23,762	30,337	1.28
	2002	4,951,724	212	159	428	23,357	31,143	1.33
	2003	4,895,470	201	163	439	24,356	30,034	1.23
	2004	3,392,035	199	160	353	17,045	21,200	1.24
	2005	3,323,997	194	154	378	17,134	21,584	1.26
	2006	3,260,395	197	146	365	16,550	22,331	1.35
	2007	2,775,332	183	139	352	15,166	19,966	1.32
	2008	2,962,290	182	138	355	16,276	21,466	1.32
	2009	2,454,444	175	133	332	14,025	18,454	1.32
	2010	2,267,000	175	133	319	12,954	17,045	1.32

AREA	YEAR	TOTAL HARVEST (POUNDS)	PERSONS WITH LANDINGS	VESSELS WITH LANDINGS	VESSEL LANDING DAYS	POUNDS PER PERSON	POUNDS PER VESSEL	PERSONS PER VESSEL
4A Cont.	2011	2,286,068	183	126	360	12,492	18,143	1.45
	2012	1,544,024	173	127	266	8,925	12,158	1.36
	2013	1,206,747	152	119	240	7,939	10,141	1.28
	2014	827,075	162	112	205	5,105	7,385	1.45
4B	1990	1,332,988	65	61	133	20,508	21,852	1.07
	1991	1,513,422	84	81	182	18,017	18,684	1.04
	1992	2,317,361	85	82	261	27,263	28,261	1.04
	1993	1,962,364	67	65	132	29,289	30,190	1.03
	1994	2,017,108	75	74	229	26,895	27,258	1.01
	1995	1,248,333	60	57	87	20,789	21,901	1.05
	1996	1,646,879	73	64	82	22,547	25,732	1.14
	1997	2,574,988	82	69	120	31,402	37,319	1.19
	1998	2,071,879	61	47	71	33,965	44,083	1.30
	1999	2,776,569	67	51	117	41,400	54,443	1.31
	2000	3,626,754	81	69	190	44,775	52,562	1.17
	2001	3,517,658	89	70	216	39,524	50,252	1.27
	2002	3,213,189	87	68	196	36,933	47,253	1.28
	2003	3,005,534	88	60	171	34,154	50,092	1.47
	2004	2,169,480	77	55	136	28,175	39,445	1.40
	2005	1,595,682	71	54	109	22,474	29,550	1.31
	2006	1,220,833	66	50	102	18,497	24,417	1.32
	2007	1,088,443	76	47	104	14,322	23,158	1.62
	2008	1,357,128	71	52	116	19,114	26,099	1.37
	2009	1,232,219	61	47	83	20,200	26,217	1.30
	2010	1,394,752	71	61	131	19,644	22,865	1.16
	2011	1,595,524	73	57	141	21,856	27,992	1.28
	2012	1,370,408	73	52	151	18,773	26,354	1.40
	2013	986,945	70	55	139	14,099	17,944	1.27
	2014	864,227	65	50	115	13,296	17,285	1.30
4C	1990	529,481	54	51	158	9,805	10,382	1.06
	1991	678,093	53	51	165	12,794	13,296	1.04
	1992	792,925	68	62	315	11,661	12,789	1.10
	1993	831,018	63	58	344	13,191	14,328	1.09
	1994	714,882	66	64	320	10,832	11,170	1.03
	1995	301,221	37	35	129	8,098	8,606	1.06
	1996	296,439	43	41	137	6,894	7,230	1.05
	1997	504,926	48	46	155	10,512	10,977	1.04
	1998	473,120	33	30	89	14,337	15,771	1.10
	1999	767,567	41	36	149	18,719	21,321	1.14
	2000	731,358	42	40	157	17,413	18,284	1.05
	2001	724,815	40	35	163	18,120	20,709	1.14
	2002	484,815	33	29	104	14,691	16,718	1.14
	2003	424,935	31	27	64	13,708	15,738	1.15
	2004	478,274	34	28	86	14,067	17,081	1.21
	2005	78,361	11	9	10	7,124	8,707	1.22
	2006	124,494	11	10	118	11,318	12,449	1.10
	2007	106,930	7	7	81	15,276	15,276	1.00
	2008	52,422	10	9	19	5,242	5,825	1.11
	2009	53,360	8	7	13	6,670	7,623	1.14
	2010	106,338	9	7	41	11,815	15,191	1.29
	2011	104,808	16	16	22	6,551	6,551	1.00
	2012	82,051	15	17	47	5,470	4,827	0.88

AREA	YEAR	TOTAL HARVEST (POUNDS)	PERSONS WITH LANDINGS	VESSELS WITH LANDINGS	VESSEL LANDING DAYS	POUNDS PER PERSON	POUNDS PER VESSEL	PERSONS PER VESSEL
4C	2013	103,388	23	19	68	4,495	5,441	1.21
Cont.	2014	108,758	21	21	76	5,179	5,179	1.00
4D	1990	1,005,291	24	24	25	41,887	41,887	1.00
	1991	1,436,533	48	48	49	29,928	29,928	1.00
	1992	727,423	26	26	27	27,978	27,978	1.00
	1993	836,160	19	19	22	44,008	44,008	1.00
	1994	710,901	40	39	117	17,773	18,228	1.03
	1995	431,768	30	27	30	14,361	15,991	1.11
	1996	487,140	38	33	37	12,819	14,762	1.15
	1997	757,182	38	33	37	19,921	22,945	1.15
	1998	842,812	24	22	24	35,117	38,310	1.09
	1999	1,302,747	36	29	36	36,242	44,922	1.24
	2000	1,378,038	43	37	46	32,047	37,244	1.16
	2001	1,368,875	42	38	45	32,592	36,023	1.11
	2002	1,360,253	42	40	53	32,387	34,006	1.05
	2003	1,421,028	43	35	46	33,047	40,601	1.23
	2004	1,202,152	44	34	39	27,322	35,357	1.29
	2005	1,678,464	51	40	61	32,911	41,962	1.28
	2006	1,530,854	53	39	61	28,884	39,253	1.36
	2007	1,879,795	60	38	70	31,330	49,468	1.58
	2008	2,061,012	72	45	86	28,625	45,800	1.60
	2009	1,684,308	68	44	77	24,769	38,280	1.55
	2010	1,703,278	67	45	86	25,422	37,851	1.49
	2011	1,742,965	70	53	92	24,900	32,886	1.32
	2012	1,125,000	63	47	77	17,857	23,936	1.34
	2013	813,767	47	38	59	17,314	21,415	1.24
	2014	579,467	49	39	49	11,826	14,858	1.26
4E	1990	60,355	133	129	273	454	468	1.03
	1991	104,297	64	64	156	1,630	1,630	1.00
	1992	66,818	41	41	146	1,630	1,630	1.00
	1993	64,235	47	47	223	1,367	1,367	1.00
	1994	120,226	75	74	451	1,603	1,625	1.01
	1995	0	0	0	0	0	0	0.00
	1996	0	0	0	0	0	0	0.00
	1997	0	0	0	0	0	0	0.00
	1998	0	0	0	0	0	0	0.00
	1999	0	0	0	0	0	0	0.00
	2000	0	0	0	0	0	0	0.00
	2001	0	0	0	0	0	0	0.00
	2002	0	0	0	0	0	0	0.00
	2003	0	0	0	0	0	0	0.00
	2004	0	0	0	0	0	0	0.00
	2005	0	0	0	0	0	0	0.00
	2006	0	0	0	0	0	0	0.00
	2007	0	0	0	0	0	0	0.00
	2008	0	0	0	0	0	0	0.00
	2009	0	0	0	0	0	0	0.00
	2010	0	0	0	0	0	0	0.00
	2011	0	0	0	0	0	0	0.00
	2012	0	0	0	0	0	0	0.00
	2013	0	0	0	0	0	0	0.00
	2014	0	0	0	0	0	0	0.00

Table 14-2 shows harvest data for 1995 through 2014, broken out by area and vessel category. Total and mean harvests are shown, as well as the number of persons who reported landings. The percent of the total area harvest attributed to each vessel category is given and the percent of total persons with landings in each vessel category is also shown.

The source of harvest data in this table is similar to Table 14-1. Catch data are derived from NMFS-RAM databases and harvests made for CDQs have been excluded. Area 4E does not appear on the table because the entire TAC from 1995 to 2014 was devoted to CDQs.

Note that some persons have landings in more than one vessel category in an area; therefore, the sum of persons with landings in each vessel category is greater than the overall unique number of persons with landings shown in Table 14-1.

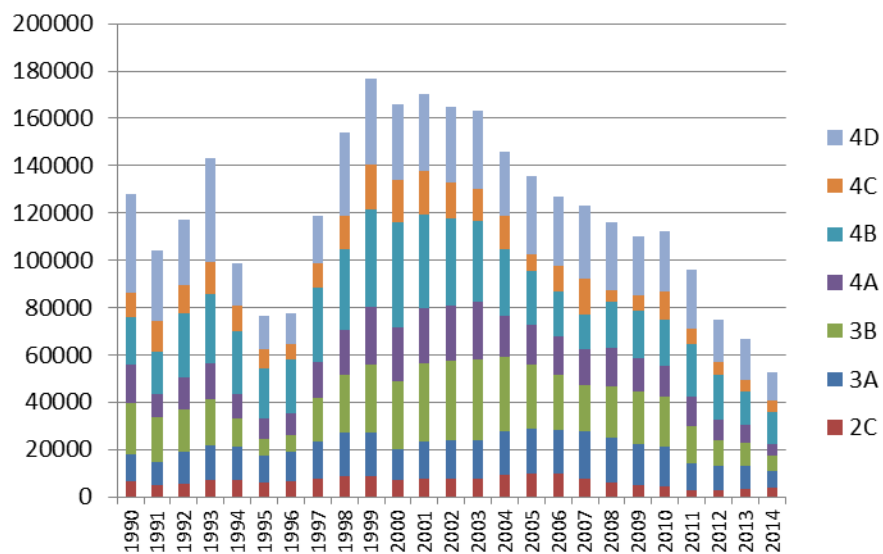


Figure 5. Average pounds per person

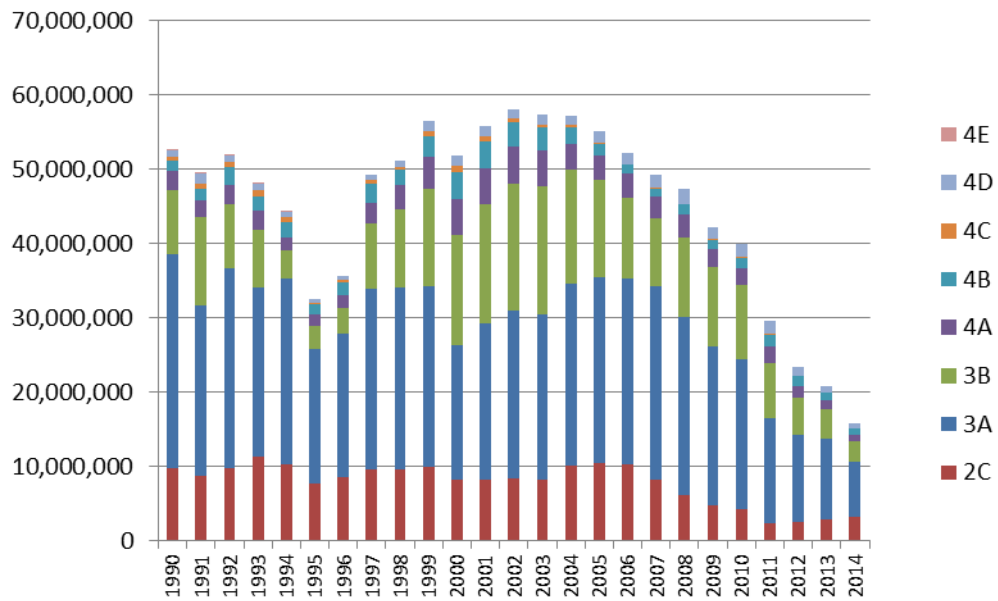


Figure 6. Halibut total harvest by area and year

15 Annual Halibut Ex-Vessel Prices

The term “ex-vessel” refers to activities that occur when a commercial fishing vessel lands or offloads a catch. For example, the price received by a captain (at the point of landing) for the unprocessed catch is an *ex-vessel* price.

This chapter provides annual estimated ex-vessel prices by IFQ management area, including statewide estimates, during 1992 through 2014. The Alaska Fisheries Information Network (AKFIN) collects the CFEC gross earnings for the source of this data. CFEC collects summary data from permit holder fish ticket landing records. NMFS-RAM uses AKFIN data for Table 15-1, which provides annual ex-vessel price estimates for the 22-year reporting period. Although the primary source for the estimates comes from fish tickets, AKFIN also uses ADF&G Commercial Operator's Annual Reports to calculate ex-vessel price estimates.

Estimated prices in Table 15-1 reflect all IFQ and Community Development Quota (CDQ) program commercial delivery/condition types and weighted average ex-vessel prices reported for all fixed-gear types, including longline, troll, jig, handline, and pot. These estimates reflect catcher-vessel deliveries to shoreside processors for commercial catches (IFQ Community Development Quota (CDQ) program) only and exclude harvests from discards, test fishing, confiscated catch, personal use, and other unsold harvests.

The Western Alaska Community Development Quota (CDQ) program provides residents of Alaska’s Bering Sea coast region an opportunity to participate and share in a portion of the halibut fishery, by allocating a portion of the halibut catch limit to the CDQ program, among several other fisheries. All halibut available for commercial harvest in area 4E is assigned to the CDQ Program.

In Table 15-1, prices in Area 4E reflect a narrower range in ex-vessel prices from 1992 through 2014, compared with ex-vessel prices in all other statewide areas. Prices in Area 4E ranged from \$0.78 in 1998 to \$4.28 in 2011 dropping to 2.72 in 2014. Area 3A had the widest range of prices of statewide management areas, with prices ranging from \$0.96 in 1992 to peaking at \$6.33 in 2011 before dropping in 2013 to 5.10 but then increasing to 6.26 in 2014.

Table 15-1 shows estimated ex-vessel prices were highest during the last six years in Areas 2C, 3A, and 3B, with the highest ex-vessel price of \$6.47 in Areas 4A for 2011. Over the entire 20 years, the lowest ex-vessel price was in Area 4E during 1998 when the estimated price was \$0.78. In the same year outside the CDQ areas, the lowest price was \$1.07 in Area 4A. Generally, ex-vessel prices rose in gradual increments in each management area, except that prices declined in all areas during 1998 and 2001 then rebounded until 2012 when prices in all areas declined again until 2014 year with a slight increase once again.

Table 15-1 Halibut estimated ex-vessel prices by management area and year, including annual statewide estimates, 1992–2014.

IPHC Area	Year	Estimated ex-vessel price	IPHC Area	Year	Estimated ex-vessel price	IPHC Area	Year	Estimated ex-vessel price
2C	1992	1.01	3B Cont.	2009	3.02	4C Cont.	2003	2.12
	1993	1.27		2010	4.65		2004	2.69
	1994	2.01		2011	6.34		2005	2.35
	1995	2.04		2012	5.55		2006	2.52
	1996	2.26		2013	4.81		2007	3.51
	1997	2.24		2014	6.09		2008	3.64
	1998	1.39	4A	1992	0.94		2009	2.11
	1999	1.99		1993	1.25		2010	3.89
	2000	2.62		1994	1.92		2011	5.69
	2001	2.11		1995	1.89		2012	5.28
	2002	2.22		1996	2.05		2013	4.18
	2003	2.95		1997	2.03		2014	5.01
	2004	3.04		1998	1.07	4D	1992	0.94
	2005	3.08		1999	1.90		1993	1.23
	2006	3.75		2000	2.50		1994	1.90
	2007	4.41		2001	1.96		1995	1.88
	2008	4.33		2002	2.20		1996	2.03
	2009	3.08		2003	2.87		1997	1.99
	2010	4.71		2004	2.89		1998	1.01
	2011	6.29		2005	2.92		1999	1.90
	2012	5.99		2006	3.73		2000	2.50
	2013	5.17		2007	4.28		2001	1.93
	2014	6.07		2008	3.98		2002	2.11
3A	1992	0.96		2009	2.70		2003	2.63
	1993	1.21		2010	4.56		2004	2.84
	1994	1.91		2011	6.47		2005	2.70
	1995	1.99		2012	5.32		2006	3.64
	1996	2.24		2013	4.40		2007	4.00
	1997	2.16		2014	5.73		2008	3.85
	1998	1.36	4B	1992	0.94		2009	2.63
	1999	2.09		1993	1.28		2010	4.49
	2000	2.60		1994	1.88		2011	6.40
	2001	2.03		1995	1.85		2012	5.36
	2002	2.23		1996	1.92		2013	4.34
	2003	2.89		1997	1.94		2014	5.63
	2004	3.04		1998	0.99	4E	1992	1.10
	2005	3.07		1999	1.66		1993	1.14
	2006	3.78		2000	2.13		1994	1.13
	2007	4.40		2001	1.73		1995	1.23
	2008	4.40		2002	2.14		1996	1.21
	2009	3.12		2003	2.53		1997	1.33
	2010	4.69		2004	2.62		1998	0.78
	2011	6.33		2005	2.61		1999	1.37
	2012	5.74		2006	3.43		2000	2.01
	2013	5.10		2007	3.90		2001	1.40
	2014	6.26		2008	3.64		2002	2.05
3B	1992	0.93		2009	2.68		2003	1.80
	1993	1.21		2010	4.24		2004	1.95
	1994	1.90		2011	6.04		2005	2.16
	1995	1.95		2012	5.04		2006	3.32
	1996	2.16		2013	4.20		2007	3.98
	1997	2.08		2014	5.40		2008	3.58
	1998	1.27	4C	1992	0.93		2009	2.48
	1999	2.06		1993	1.08		2010	3.21
	2000	2.55		1994	1.85		2011	4.28
	2001	2.00		1995	1.79		2012	3.91
	2002	2.20		1996	1.96		2013	4.60
	2003	2.87		1997	1.87		2014	2.72
	2004	2.96		1998	0.92	Year Estimated Statewide Ex-Vessel Price		
	2005	3.01		1999	1.45	1992	0.96	
	2006	3.78		2000	2.08	1993	1.23	
	2007	4.30		2001	1.77	1994	1.93	
	2008	4.33		2002	1.48			

Year	Estimated Statewide Ex-Vessel Price
1995	1.97
1996	2.19
1997	2.13
1998	1.29
1999	2.00
2000	2.52
2001	1.99
2002	2.19
2003	2.84
2004	2.97
2005	3.00
2006	3.49
2007	4.33
2008	4.27
2009	3.01
2010	4.62
2011	6.29
2012	5.60
2013	4.91
2014	6.03

Note: The IFQ Program started in 1995.
2015 is not available at this time.

Halibut: Appendix I

This project required resident-type designations for QS and IFQ permit holders. Resident-type was based upon addresses on NMFS-RAM demographic files at the end of each year from 1995 through 2006. Each “place,” or community, on the NMFS-RAM files was given an Urban/Rural designation and a Local/Nonlocal designation.

Decision Rules Used to Designate Urban and Rural for 1990

- (1) Urban includes all towns with 1990 U.S. Census populations of 2,500 or more.
- (2) Communities also are designated as urban even though their populations are under 2,500 if they lie within an “urbanized area.” Urbanized areas are defined as all communities and places connected by highway to urban centers with populations of 6,000 or more and lying within a 20-mile radius of the urban center (for centers from 6,000 to 20,000 population) or a 40-mile radius (for centers of more than 20,000). The radius is measured from the center of the city as denoted by the city location point on maps, rather than from the city limits. An exception to the radius rule is that the Anchorage “urbanized area” does not extend north of Knik Arm nor south of Turnagain Arm.

The cities of 6,000 to 20,000 population are Ketchikan, Kenai, Kodiak and Sitka. The cities above 20,000 are Anchorage, Fairbanks and Juneau.

Decision Rules Used to Designate Local and Non-local

Localness to halibut management areas is determined using the following rules:

- (1) If the place is a coastal community, it is local to the halibut management areas of that coastline.
- (2) If a community's border is within 25 miles of the coast, and is connected to the coast by a navigable body of water or road, it is local to the halibut management areas of that coastline.
- (3) If a community is determined to be local to a management area as defined above, and there is another management area adjacent, then localness to the adjacent area is determined by the following rule:

If the community is a coastal community, and it is within 25 straight-line miles of the adjacent area boundary, it is local to the adjacent area.

Appendix I **Differences Between the 1990 Census and Census 2000 Urbanized Area Criteria**

The following paragraphs provide a summary of the most important differences between the 1990 census UA criteria and the urban area criteria for Census 2000:

- The Census Bureau did not automatically recognize previously existing UA territory as part of the Census 2000 UA delineation process. There was no "grandfathering" of areas that qualified based on the results of earlier censuses.
- For Census 2000, the Census Bureau used the territory designated as UCs, rather than the entity of places that have a specified population, to determine the total urban population outside of UAs. Previously, place boundaries generally were used to determine the urban or rural classification of territory outside of UAs. With the creation of UCs, place boundaries became "invisible" when creating and classifying the cores of densely settled population agglomerations.
- Technological advances in the field of geographic information systems (GIS) during the last 10 years allowed the Census Bureau to automate the urban and rural delineation process for the first time in Census Bureau history.
- The extended city criteria were modified extensively for Census 2000. Any place that is split by a UA or UC boundary is referred to as an extended place. Previously, the extended city criteria included only sparsely settled territory within incorporated places and relied on density and area measurements to determine whether or not portions of an incorporated place were excluded from the UA. The new urban area criteria, based solely on the population density of census Block Groups (BGs) and census blocks, provide a continuum of urban areas for Census 2000.
- The Census 2000 criteria increased the allowable jump distance from 1.5 to 2.5 miles. The increase in the jump distance was proposed as a means to recognize improvements in the transportation network, and the associated changes in development patterns that reflect these improvements, coupled with governmental influence to provide additional "green space" between developments.
- The Census Bureau developed the concept of "hops" to extend the urban definition across small nonqualifying census blocks, and thereby avoid the need to designate the break in qualifying blocks as a jump. Hops between qualifying areas are less than or equal to 0.5 mile.
- For Census 2000, the area of an indentation in qualifying territory had to be four times the area of a circle with a diameter equal to the closure line of the indentation for the territory to be included in a UA or UC. Previously, an indentation only had to be two times longer than the distance across the mouth. The new criteria enabled the Census Bureau to use an automated methodology that reduced the chances of incorrectly classifying as urban, sparsely settled territory along the fringe of a core.
- The uninhabitable jump criteria were revised for Census 2000 to be more restrictive regarding the types of terrain over which an uninhabitable jump could be made. For Census 2000 only water, military reservations, national parks, and qualifying floodplains were deemed to be "exempted territory," which replaced undevelopable as the term applied to these areas.
- The UA central place and title criteria no longer follow standards predefined by other federal agencies. Previously, many UA central places and titles were based on metropolitan area (MA) central city definitions set forth by the Office of Management and Budget.
- The new MA criteria will be, and always have been, applied later than the UA criteria. To avoid creating a situation in which the 2000 UA or UC central places and titles would need to follow MA central city definitions that were established in the early 1990s, the Census 2000 criteria create an objective, zero-based approach.
- Note: U.S. Census Bureau Difference between the 1990 census and the census 2000 urbanized Area Criteria http://www.census.gov/geo/www/ua/uac2k_90.html



APPLICATION FOR TRANSFER OF QS/IFQ

U.S. Dept. of Commerce/NOAA
National Marine Fisheries Service (NMFS)
Restricted Access Management (RAM)
P.O. Box 21668
Juneau, AK 99802-1668
(800) 304-4846 toll free, (907) 586-7202 in Juneau
(907) 586-7354 fax



**NOTE: A separate application must be submitted for each Quota Share (QS) or IFQ Transfer.
If you want to do a self sweep-up, please use the self sweep-up form.**

BLOCK A – TEC

Does the Transferee (Buyer) hold a Transfer Eligibility Certificate (TEC)? [] YES or [] NO

BLOCK B – CHECKLIST

USE THIS LIST TO ENSURE YOUR APPLICATION IS COMPLETE. INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED. NOTE: Faxed Applications Are Not Acceptable. Please Submit Originals.

- [] Completed, signed, and notarized application
- [] Copy of signed & notarized sales agreement.
- [] Documentation for Authorized Agent (if applicable)
- [] Transfer of IFQ (Category "A" Shares, Surviving Spouse Lease): Copy of permit

BLOCK C - TRANSFEROR (SELLER)

1. Name:		2. NMFS Person ID:	
		3. Date of Birth:	
4. Permanent Business Mailing Address:		5. Temporary Business Mailing Address (see instructions):	
6. Business Telephone Number:	7. Business Fax Number:	8. E-mail Address (if available):	

BLOCK D - TRANSFEE (BUYER)

1. Name:		2. NMFS Person ID:	
		3. Date of Birth:	
4. Permanent Business Mailing Address:		5. Temporary Business Mailing Address (see instructions):	
6. Business Telephone Number:	7. Business Fax Number:	8. E-mail address (if available):	

BLOCK E - QUESTIONS FOR TRANSFEREE (BUYER)

1. Do you request that this QS be included in a **sweep up**, if possible? ☐ YES ☐ NO
2. If YES, list the QS Group Number on the QS Holder Summary Report into which this new piece should be combined.
- _____

3. If this is Catcher Vessel CDQ Compensation QS and the vessel category has never been declared, check the one Catcher Vessel Category in which you would like to have your QS issued:

Length Overall: ☐ 0' to 35' ☐ 36' to 60' ☐ Greater than 60'

Vessel Category: ☐ D ☐ C ☐ B

BLOCK F - IDENTIFICATION OF QS AND IFQ TO BE TRANSFERRED

Complete Block F if QS and IFQ are to be transferred together or if you want to transfer QS only.

1. ☐ Halibut or ☐ Sablefish

2. IFQ Regulatory Area:

3. Vessel Category:

4. Number of QS Units to be Transferred:

5. Transferor (Seller) IFQ Permit Number:

6. Numbered To and From (Serial Numbers are shown on the QS Holder Summary Report):

7. Do you want all remaining pounds for the current fishing year transferred? ☐ Yes ☐ No

If **no**, specify the number of pounds to be transferred: _____

- Pounds transferred include a pro-rata share of any overage based on the QS units held or transferred and is non-negotiable.

- Pounds transferred include a pro-rata share of any underage based on the QS held and transferred UNLESS OTHERWISE INSTRUCTED.

BLOCK G - TRANSFER OF IFQ ONLY

Complete this Block if you want to Transfer IFQ Only (Applies only to Category "A" & Surviving Spouse IFQ)

1. ☐ Halibut or ☐ Sablefish

2. IFQ Regulatory Area:

3. Number of Units:

4. Numbered To and From (Serial Numbers are shown on the QS Holder Summary Report):

5. Actual Number of IFQ Pounds:

6. Transferor (Seller) IFQ Permit Number:

7. Fishing Year: 20 _____

REQUIRED SUPPLEMENTAL INFORMATION
YOUR APPLICATION WILL NOT BE PROCESSED UNLESS YOU PROVIDE THE FOLLOWING INFORMATION

BLOCK H - TO BE COMPLETED BY THE TRANSFEROR

1. Give the price per pound (including leases) \$ _____ / # IFQ (Price divided by IFQ pounds) Including fees
 Give the price per unit of QS \$ _____ / Unit of QS (Price divided by QS Units)
2. What is the **total amount** being paid for the QS/IFQ in this transaction, including all fees? _____
3. What are your reasons for transferring the QS/IFQ? (check all that apply)

<input type="checkbox"/> Retirement from Fisheries	<input type="checkbox"/> Shares Too Small to Fish	<input type="checkbox"/> Consolidation of Shares
<input type="checkbox"/> Pursue Non-Fishing Activities	<input type="checkbox"/> Trading Shares	<input type="checkbox"/> Enter other Fisheries
<input type="checkbox"/> Health Problems	<input type="checkbox"/> Other (explain): _____	
4. Is there a broker being used for this transaction? ☐ Yes ☐ No
 If **yes**, how much is being paid in brokerage fees? \$ _____ or _____ % of total price.

BLOCK I - TO BE COMPLETED BY THE TRANSFEREE

1. Will the QS/IFQ being purchased have a lien attached? ☐ Yes ☐ No
 If **yes**, name of lien holder: _____
2. What is the primary source of financing for this transfer (*check one*)? ☐ Received as a Gift



<input type="checkbox"/> Personal Resources (cash)	<input type="checkbox"/> AK Com. Fish & Ag. Bank	<input type="checkbox"/> NMFS Loan Program
<input type="checkbox"/> Private Bank/Credit Union	<input type="checkbox"/> Transferor/Seller	<input type="checkbox"/> Processor/Fishing Company
<input type="checkbox"/> Alaska Dept. Of Commerce	<input type="checkbox"/> Other (explain): _____	
3. How was the QS/IFQ located (*check all that apply*)?

<input type="checkbox"/> Relative	<input type="checkbox"/> Advertisement / Public Notice	<input type="checkbox"/> Broker
<input type="checkbox"/> Personal Friend	<input type="checkbox"/> Other (explain): _____	
4. What is the Buyer's relationship to the QS/IFQ Holder (*check all that apply*)?

<input type="checkbox"/> Unrelated	<input type="checkbox"/> Family Member	<input type="checkbox"/> Business Partner	<input type="checkbox"/> Friend
<input type="checkbox"/> Other (explain): _____			
5. Is there an agreement to return the QS or IFQ to the Transferor (seller), or any other person, or a condition placed on resale?

☐ Yes ☐ No

 If **yes**, please explain: _____

	APPLICATION FOR TRANSFER OF QS/IFQ	U.S. Dept. of Commerce/NOAA National Marine Fisheries Service (NMFS) Restricted Access Management (RAM) P.O. Box 21668 Juneau, AK 99802-1668 (800) 304-4846 toll free, (907) 586-7202 in Juneau (907) 586-7354 fax	
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NOTE: Submit a separate application for each Quota Share (QS) or IFQ Transfer.
If you want to do a self sweep-up (combine) , please use the self sweep-up form.

Does the Transferee (Buyer) hold a Transfer Eligibility Certificate (TEC)? <input type="checkbox"/> YES <input type="checkbox"/> NO		
Use this checklist to ensure your application is complete. Incomplete applications will not be processed. NOTE: Faxed Applications Are Not Acceptable. Please Submit Originals. <ul style="list-style-type: none"> <input type="checkbox"/> Completed, signed, and notarized application <input type="checkbox"/> Copy of signed & notarized sales agreement <input type="checkbox"/> Documentation for Authorized Representative (if applicable) <input type="checkbox"/> Transfer of IFQ (Category "A" Shares, Surviving Spouse Lease): Copy of permit 		
BLOCK A – IDENTIFICATION OF TRANSFEROR (SELLER)		
1. Name:	2. NMFS Person ID:	
	3. Date of Birth:	
4. Business Mailing Address <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary:		
5. Business Telephone Number:	6. Business Fax Number:	7. E-mail Address (if available):

BLOCK B – IDENTIFICATION OF TRANSFEE (BUYER)		
1. Name:	2. NMFS Person ID:	
	3. Date of Birth:	
4. Permanent Business Mailing Address <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary		
5. Business Telephone Number:	6. Business Fax Number:	7. E-mail address (if available):

BLOCK C - QUESTIONS FOR TRANSFEREE

1. Do you request that this quota share (QS) be included in a **sweep up**, if possible? ☐ YES ☐ NO
2. **If YES**, list the QS Group Number on the QS Holder Summary Report into which this new piece should be combined.

3. If this is transfer of Catcher Vessel Western Alaska Community Development Quota (CDQ) Compensation QS and the vessel category has never been declared, check the one Catcher Vessel Category in which you would like to have your QS issued:

☐ **Category D** (0 ft to 35 ft length overall (LOA))

☐ **Category C** (36 ft to 60 ft LOA)

☐ **Category B** (greater than 60 ft LOA)

BLOCK D - IDENTIFICATION OF QS AND IFQ TO BE TRANSFERRED

Complete Block D if QS and IFQ are to be transferred together or if you want to transfer QS only

1. ☐ Halibut or ☐ Sablefish

2. IFQ Regulatory Area:

3. Vessel Category:

4. Number of QS Units to be Transferred:

5. Transferor IFQ Permit Number:

6. Numbered To and From (Serial Numbers are shown on the QS Holder Summary Report):

7. Do you want all remaining pounds for the current fishing year transferred?

YES ☐

NO ☐

If NO, specify the number of pounds to be transferred: _____

Pounds transferred include a pro-rata share of **any overage** based on the QS units held or transferred and is non-negotiable.

Pounds transferred include a pro-rata share of **any underage** based on the QS held and transferred
UNLESS OTHERWISE INSTRUCTED.

BLOCK E - TRANSFER OF IFQ ONLY

Complete this Block if you want to Transfer IFQ Only (Applies only to Category "A" & Surviving Spouse IFQ)

1. ☐ Halibut or ☐ Sablefish

2. IFQ Regulatory Area:

3. Number of Units:

4. Numbered To and From (Serial Numbers are shown on the QS Holder Summary Report):

5. Actual Number of IFQ Pounds:

6. Transferor IFQ Permit Number:

7. Fishing Year: 20_____

REQUIRED SUPPLEMENTAL INFORMATION
YOUR APPLICATION WILL NOT BE PROCESSED UNLESS YOU PROVIDE THE FOLLOWING INFORMATION

BLOCK F – REQUIRED TRANSFEROR SUPPLEMENTAL INFORMATION

1. Give the price per pound (including leases) \$ _____/#IFQ (Price divided by IFQ pounds including fees)

Give the price unit QS \$ _____/Unit of QS (Price divided by QS Unit)

2. What is the **total amount** paid for the QS/IFQ in this transaction, including fees? _____

3. What are the reasons for transferring the QS/IFQ? (*check all that apply*)

☐ Retirement from Fisheries ☐ Shares Too Small to Fish ☐ Enter other Fisheries

☐ Pursue Non-Fishing Activities ☐ Trading Shares

☐ Health Problems ☐ Consolidation of Shares ☐ Other (explain):

4. Is there a broker being used for this transaction?

☐ Yes ☐ No

If YES, how much is being paid in brokerage fees? \$ _____ or _____% of total price.

BLOCK G – REQUIRED TRANSFEREE SUPPLEMENTAL INFORMATION

1. Will the QS/IFQ being purchases have a lien attached? ☐ Yes ☐ No

If YES, name of lien holder: _____

2. What is the primary source of financing for this transfer (*check one*) ? ☐ Received as a Gift

☐ Personal Resources (cash) ☐ AK Com. Fish & Ag. Bank ☐ NMFS Loan Program

☐ Private Bank/Credit Union ☐ Transferor/Seller ☐ Processor/Fishing Company

☐ Alaska Dept. of Commerce ☐ Other (explain): _____

3. How was the QS/IFQ located (*check all that apply*)?

☐ Relative ☐ Advertisement/Public Notice ☐ Broker

☐ Personal Friend ☐ Other (explain): _____

4. What is the Buyer's relationship to the QS/IFQ Holder (*check all that apply*) ?

☐ Unrelated ☐ Family Member ☐ Business Partner

☐ Friend ☐ Other (explain): _____

5. Is there an agreement to return the QS or IFQ to the Transferor, or any other person, or a condition in placed on resale?

☐ Yes ☐ No

If YES, please explain: _____

NOTE: This Application for Transfer must be completed, signed, and notarized by both parties. Failure to have signatures properly notarized will result in delays in the processing of this application.

BLOCK H – CERTIFICATION OF TRANSFEROR	
Under penalties of perjury, I declare that I have examined this application, and to the best of my knowledge and belief, the information presented here is true, correct, and complete.	
1. Signature of Transferor or Authorized Representative:	2. Date:
3. Printed Name Transferor or Authorized Representative <i>Note: If representative, attach authorization</i>	
4. Notary Public Signature: ATTEST	5. Affix Notary Stamp or Seal Here:
6. Commission Expires:	

BLOCK I – CERTIFICATION OF TRANSFeree	
Under penalties of perjury, I declare that I have examined this application, and to the best of my knowledge and belief, the information presented here is true, correct, and complete.	
1. Signature of Transferee or Authorized Representative:	2. Date:
3. Printed Name Transferee or Authorized Representative <i>Note: If representative, attach authorization</i>	
4. Notary Public Signature: ATTEST	5. Affix Notary Stamp or Seal Here:
6. Commission Expires:	

PUBLIC REPORTING BURDEN STATEMENT

Public reporting for this collection of information is estimated to average 2.0 hours per response, including the time for reviewing the instructions, searching the existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Assistant Regional Administrator, Sustainable Fisheries Division, NOAA National Marine Fisheries Service, Alaska Region, P.O. Box 21668, Juneau, AK 99802-1668.

ADDITIONAL INFORMATION

Before completing this form please note the following: 1) Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information, subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number; 2) This information is mandatory and is required to manage commercial fishing efforts under 50 CFR part 679 and under section 402(a) of the Magnuson-Stevens Act (16 U.S.C. 1801, *et seq.*); 3) Responses to this information request are confidential under section 402(b) of the Magnuson-Stevens Act as amended in 2006. They are also confidential under NOAA Administrative Order 216-100, which sets forth procedures to protect confidentiality of fishery statistics.

INSTRUCTIONS
APPLICATION FOR TRANSFER OF QS/IFQ

Any person that received Quota Share/Individual Fishing Quota (QS/IFQ) as an Initial Issue or that holds a Transfer Eligibility Certificate (TEC) is eligible to receive QS/IFQ by transfer. A transferee that does not have a TEC will need to contact RAM for instructions on eligibility procedures and a TEC application form.

An Application for Transfer of QS/IFQ must be approved by the NMFS Regional Administrator before a person may use IFQ that results from a direct transfer to harvest IFQ halibut or IFQ sablefish.

IFQ resulting from category B, C, or D QS may not be transferred separately from its originating QS, except as provided in 50 CFR 679.41(k).

The IFQ Program does not permit transfer of QS subject to any conditions of repossession or resale to the transferor except by court order, operation of law, or security agreement.

GENERAL INFORMATION

- Please submit a separate application for each proposed QS or IFQ transfer.
- Complete the entire application, and include all attachments; failure to do so could result in delays in the processing of your application.
- Please insure that signatures on the application are original and are notarized. RAM will not process an application that does not bear original signatures (faxed applications will be returned). All signatures must be witnessed by a Notary Public (or, in some remote areas, the community Postmaster or Postmistress). The Notary Public cannot be the person(s) submitting this application.

If you want to apply for a “self sweep-up,” please use the *Self Sweep-Up Form*.

Submit the original application -- an application sent by fax will **not** be processed.

When completed, submit the original application

By mail to

**NMFS Alaska Region
Restricted Access Management (RAM)
P.O. Box 21668
Juneau, AK 99802-1668**

or deliver to:

**Room 713, Federal Building
709 West 9th Street
Juneau, AK 99801**

Please allow at least ten working days for your application to be processed. Items will be sent by first class mail, unless you provide alternate instructions *and* include a prepaid mailer with appropriate postage or corporate account number for express delivery.

If you need additional information:

Call RAM: (800) 304-4846 (#2) or (907) 586-7202 (#2)

E-Mail Address: RAM.Alaska@noaa.gov

Web Site: <https://alaskafisheries.noaa.gov>

COMPLETING THE APPLICATION

Indicate whether the Transferee (Buyer) holds a Transfer Eligibility Certificate (TEC).

Use the checklist to ensure your application is complete. Incomplete applications will not be processed.

NOTE: It is important that all blocks are completed and all necessary documents are attached. Failure to answer any of the questions, provide attachments, or to have signatures notarized could result in delays in the processing of your application.

BLOCK A – IDENTIFICATION OF TRANSFEROR (SELLER)

1. Full name as it appears on QS Holder Summary Report and/or TEC.
2. NMFS Person ID: As found on QS Holder Summary Report or TEC.
3. Date of Birth.
4. Business Mailing Address. Indicate whether permanent or temporary. Include street or P.O. Box number, city, state, and zip code. Use a temporary address to send transfer documentation somewhere other than to the permanent address.
- 6-8. Business Telephone Number, Business Fax Number, and Business E-mail address (if available)

BLOCK B – IDENTIFICATION OF TRANSFEREE (BUYER)

1. Full name as it appears on QS Holder Summary Report and/or TEC.
2. NMFS Person ID: As found on QS Holder Summary Report or TEC.
3. Date of Birth.
4. Business Mailing Address. Indicate whether permanent or temporary. Include street or P.O. Box number, city, state, and zip code. Use a temporary address to send transfer documentation somewhere other than to the permanent address.
- 5-7. Business Telephone Number, Business Fax Number, and Business E-mail address (if available)

BLOCK C – QS QUESTIONS FOR TRANSFEREE

1. Indicate if you wish to combine (“sweep up”) the transferred block together with a block you already hold. Blocked QS’s may be swept up into one block if the total amount of QS being combined is less than or equal to the following amounts of QS units per area.

Halibut		Sablefish	
Area	Units	Area	Units
2C	33,320	SE	33,270
3A	46,520	WY	43,390
3B	44,193	CG	46,055
4A	22,947	WG	48,410
4B	15,087	AI	99,210
4C	30,930	BS	91,275
4D	26,082		

2. QS Group Number
3. If this is a transfer of Catcher Vessel Western Alaska Community Development Quota (CDQ) compensation QS, there is a **one time** opportunity at the time of the first transfer to **permanently** designate the catcher vessel category of the QS being transferred. CDQ compensation QS is QS issued as compensation for halibut and sablefish harvest privileges foregone due to the CDQ Program

Persons issued CDQ compensation QS in a catcher vessel category and in an IFQ regulatory area in which they do not hold QS other than CDQ compensation QS, may use that CDQ compensation QS on any catcher vessel. This exemption from catcher vessel categories ends upon the first transfer of the CDQ compensation QS. CDQ compensation QS being transferred will be permanently assigned to a specific catcher vessel category as designated by the person receiving the transfer.

BLOCK D - IDENTIFICATION OF QS AND IFQ TO BE TRANSFERRED

This block should only be completed if you are transferring QS and the IFQ resulting from these shares. Persons wishing to transfer IFQ only (Category “A” shares, lease), should fill out Block E.

1. Species: halibut or sablefish
2. IFQ Regulatory Area
3. Vessel Category
4. Number of units to be transferred
5. Transferor IFQ permit number
6. Starting and ending serial number of shares to be transferred
[For example, **H-2C-C-B-123,456 THROUGH H-2C-C-B-789,493**]
7. A **specific number of pounds** must be indicated for each transfer. A pro-rata amount of IFQ (**overage pounds**) will be debited from any IFQ transferred based on the QS unit held or transferred. The current QS holder may retain **underage pounds**. However, unless otherwise specified, the underage associated with the QS will be transferred. Please indicate your specific intention.

BLOCK E - TRANSFER OF IFQ ONLY

Complete this box if IFQ pounds only are being transferred (leased) and the QS will remain with the current holder of those shares. Only Category "A" or those shares received as a Surviving Spouse under the provisions in 50 CFR 679 may be transferred in this manner.

1. Species: halibut or sablefish
2. IFQ Regulatory Area
3. Number of units to be transferred
4. Starting serial number to the ending serial number of shares to be transferred
5. Specific number of pounds being transferred
6. Transferor's IFQ permit number
7. The fishing year is the current year or year in which IFQ should be transferred. A transfer of IFQ only cannot be completed until the IFQ has been awarded for that year.

BLOCK F - REQUIRED TRANSFEROR SUPPLEMENTAL INFORMATION

1. The price per pound of IFQ must be entered, including IFQs **only** "leased". (To derive the number of dollars per unit of QS or pound of IFQ, divide the total amount paid, including fees, by the number of QS units **or** the number of IFQ pounds being transferred.)
2. The total amount entered should include **any and all** monies collected on behalf of the seller for the shares involved, including any fees that will be paid out to other parties for the expenses of brokering or assisting in the sale of these shares.
3. Please check all boxes that apply to this transaction.
4. Are you paying a third party to assist with this transaction?
If NO, go to question #2.
If YES, put the total price paid to the broker or calculate how much was paid to the third party as a percentage of the total sale price. (The percentage can be derived by using this formula: divide the brokerage fee by the total price paid for the QS/IFQ, then multiply the result by 100.)

BLOCK G - REQUIRED TRANSFeree SUPPLEMENTAL INFORMATION

1. Indicate whether the QS/IFQ will have a lien attached (used as collateral). **If YES**, provide the name of the lien holder. This name will appear on the QS Certificate.
2. Indicate the primary source of financing for this transfer (check one).
3. Explain how the QS/IFQ was located (check all that apply).
4. Indicate Transferee's relationship to the QS/IFQ holder (check all that apply).
5. Indicate whether there is an agreement to return the QS or IFQ to the Transferor, or any other person, or a condition placed on resale. **If YES**, please explain.

BLOCK H – CERTIFICATION OF TRANSFEROR

Printed name and signature of Transferor and date signed

If authorized representative, **attach** authorization

Signature, commission expiration date, and stamp of notary

BLOCK I – CERTIFICATION OF TRANSFEREE

Printed name and signature of Transferor and date signed

If authorized representative, **attach** authorization

Signature, commission expiration date, and stamp of notary